

Converting Colors

XYZ(80.4109, 100.0000,
96.2246)

Have a look what the booklet for
XYZ(80.4109, 100.0000, 96.2246)
contains.

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Color

**XYZ(75.5497, 90.2496,
94.3269)**

Conversions

Conversions Part 1

Format	Color
Hex	CAFFEE
RGB	202, 255, 238
RGB Percent	79%, 100%, 93%
CMY	0.2078, 0.0000, 0.0667
CMYK	0.21, 0.00, 0.07, 0.00
HSL	161°, 100%, 90%
HSV	161°, 21%, 100%
XYZ	75.5497, 90.2496, 94.3269
YIQ	237.2150, -26.1310, -16.5230

Conversions

Conversions Part 2

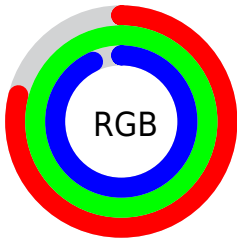
Format	Color
R_{YB}	202, 234, 255
Decimal	13303790
CIE _{Lab}	96.10, -20.03, 2.62
CIE _{LCh}	96, 20.197, 172.552
Yxy	90.2496, 0.2904, 0.3469
Android (android.graphics.Color)	4291493870 (0xFFCAFFEE)
YUV	237.2150, 0.3870, -30.8836
Hunter-Lab	94.9998, -24.2954, 7.6298

Details

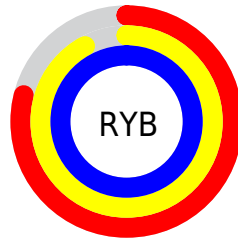
The XYZ color **75.5497, 90.2496, 94.3269** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.1473, 68.6165, 76.3017**, and the grayscale version is **80.6731, 84.8743, 92.4282**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6702, 49.9686, 51.7573** is the 20% darker color. If you saturate the color by 10%, you get **68.0363, 86.5120, 87.8453**, and if you desaturate by 10%, it is **84.2595, 94.5976, 101.1523**.

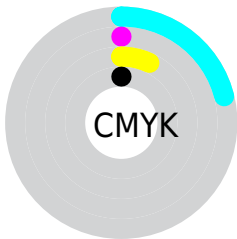
Distribution



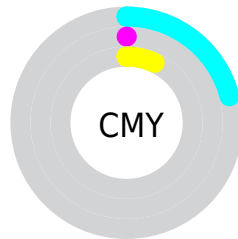
- Red (79%)
- Green (100%)
- Blue (93%)



- Red (79%)
- Yellow (92%)
- Blue (100%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5497, 90.2496, 94.3269 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 75.5497, 90.2496, 94.3269 by changing the saturation by 10% instead.

75.5497, 90.2496,
94.3269

75.5497, 90.2496,
94.3269

468.7730,
528.8425, 562.9371

56.3591, 68.1877,
70.9811

126.0739,
147.6851, 155.3219

40.7290, 50.0504,
51.8450

158.1383,
183.8274, 193.8082

28.2942, 35.4535,
36.5002

195.2246,
225.4319, 238.1784

18.6891, 24.0124,
24.5280

237.6982,
272.8832, 288.8511

11.5485, 15.3428,
15.5099

285.9245,
326.5654, 346.2448

6.5070, 9.0603,
9.0275

340.2688,

3.1993, 4.7806,

386.8631, 410.7779

4.6620

401.0965,
454.1607, 482.8692

■ 1.2600, 2.1191,
1.9951

■ 0.1530, 0.6753,
0.5523

■ 75.5497, 90.2496,
94.3269

■ 75.5497, 90.2496,
94.3269

■ 68.0363, 86.5120,
87.8453

■ 84.2595, 94.5976,
101.1523


■ 61.6601, 83.3544,
81.6968


■ 94.2158, 99.5818,
108.3233


■ 56.3604, 80.7456,
75.8761


■ 95.0500, 100.0000,
108.9000

■ 52.0699, 78.6511,
70.3762

 48.7133, 77.0320,
65.1896

 46.2044, 75.8441,
60.3082

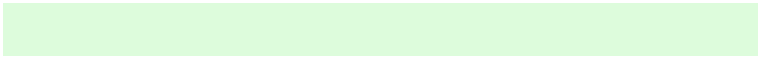
 44.4399, 75.0341,
55.7230

 43.3235, 74.5454,
51.7486

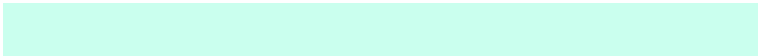
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.5201, 90.2496, 80.7000



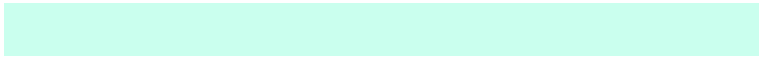
75.5497, 90.2496, 94.3269



76.2240, 90.2496, 110.5609

Triad

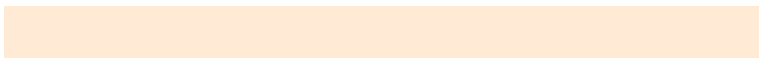
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5497, 90.2496, 94.3269



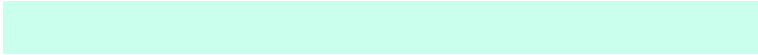
89.9713, 90.2496, 129.5508



92.4876, 90.2496, 75.7824

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



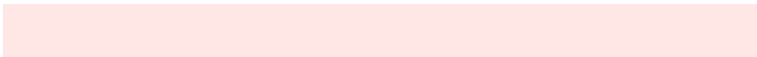
75.5497, 90.2496, 94.3269



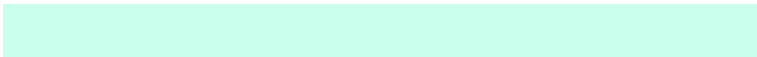
75.1473, 68.6165, 76.3017

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.1020, 90.2496, 86.9190



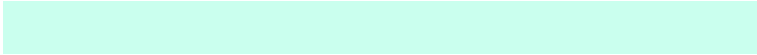
75.5497, 90.2496, 94.3269



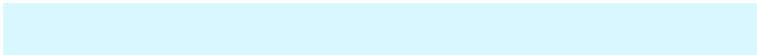
94.6057, 90.2496, 118.2133

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5497, 90.2496, 94.3269



84.3927, 90.2496, 132.0869



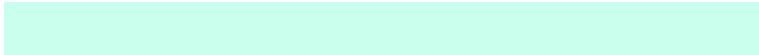
96.8935, 90.2496, 102.3142



87.1815, 90.2496, 70.7762

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



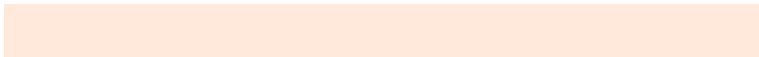
75.5497, 90.2496, 94.3269



78.0970, 90.2496, 120.6060



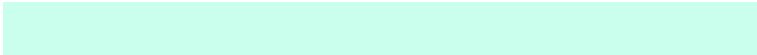
96.8935, 90.2496, 102.3142



93.9500, 90.2496, 78.8713

Sweetspot

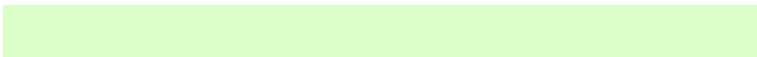
The Sweet Spot groups the original color and five complimentary colors.



75.5506, 90.2500, 94.3284



88.8633, 96.9008, 104.5389



75.8358, 90.9483, 69.4362



18.8822, 20.6716, 22.2756



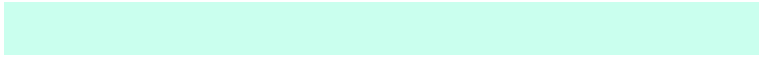
0.0000, 0.0000, 0.0000



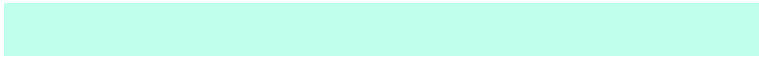
20.3446, 21.4041, 23.3091

Same Dimension

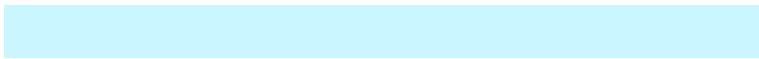
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5506, 90.2500, 94.3284



72.2397, 88.6012, 91.5536



75.4143, 85.7900, 107.1921



18.2924, 20.3765, 21.8429



22.7086, 38.9800, 27.4144



2.2610, 3.8153, 2.9320

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.1473, 68.6165, 76.3017



71.7708, 63.3689, 70.5357



75.1542, 72.0310, 65.8208



18.2495, 18.0831, 19.9308



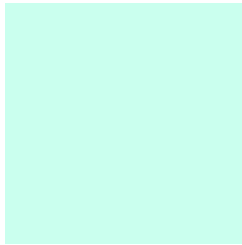
22.4003, 11.4494, 5.4924



2.2284, 1.1337, 0.7843

Previews

White Background



This preview shows how the XYZ color 75.5497, 90.2496, 94.3269 looks on a white background.

Color Contrast Check

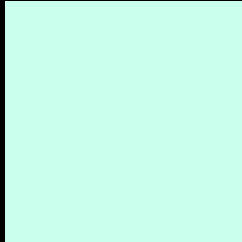
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 75.5497, 90.2496, 94.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

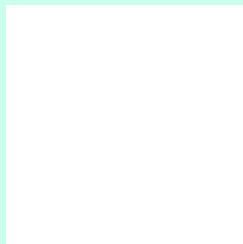
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5497, 90.2496, 94.3269

Background



This preview shows how black text looks on a background with the XYZ color 75.5497, 90.2496, 94.3269.



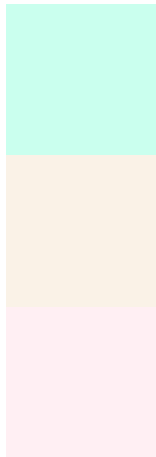
This preview shows how white text looks on a background with the XYZ color 75.5497, 90.2496,

94.3269.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

75.5497, 90.2496, 94.3269

Protanopia

85.6003, 89.5978, 88.3838

Deuteranopia

88.2842, 89.4641, 97.4092



Tritanopia

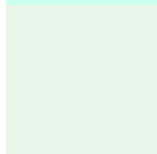
83.3189, 89.7895, 107.5475

Trichromacy



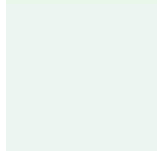
Original Color

75.5497, 90.2496, 94.3269



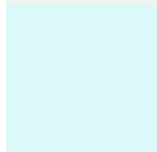
Protanomaly

81.7163, 89.7857, 90.8654



Deuteranomaly

83.1217, 89.4886, 96.1111



Tritanomaly

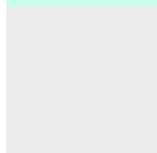
80.1880, 89.6510, 102.7005

Monochromacy



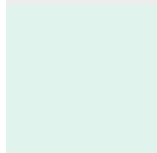
Original Color

75.5497, 90.2496, 94.3269



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.3772, 86.6631, 92.7175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5497, 90.2496, 94.3269 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(202, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(202, 255, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 75.5497, 90.2496, 94.3269 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 255, 238) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(202, 255, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(202, 255, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(202, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5497, 90.2496, 94.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 255, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
255, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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