

Converting Colors

XYZ(75.2954, 83.1278, 94.2825)

Have a look what the booklet for
XYZ(75.2954, 83.1278, 94.2825)
contains.

XYZ(75.5035, 83.3632, 94.5493)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(75.5035, 83.3632,
94.5493)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F0F0
RGB	217, 240, 240
RGB Percent	85%, 94%, 94%
CMY	0.1490, 0.0588, 0.0588
CMYK	0.10, 0.00, 0.00, 0.06
HSL	180°, 43%, 90%
HSV	180°, 10%, 94%
XYZ	75.5035, 83.3632, 94.5493
YIQ	233.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

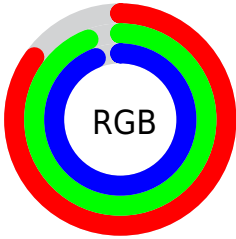
Format	Color
R _Y B	217, 229, 240
Decimal	14282992
CIE Lab	93.17, -7.50, -2.58
CIE LCh	93, 7.935, 198.959
Yxy	83.3632, 0.2979, 0.3290
Android (android.graphics.Color)	4292473072 (0xFFD9F0F0)
YUV	233.1230, 3.3904, -14.1399
Hunter-Lab	91.3035, -12.1702, 2.5146

Details

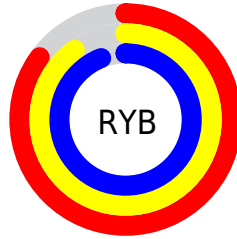
The XYZ color **75.5035, 83.3632, 94.5493** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **73.2754, 73.1629, 75.9092**, and the grayscale version is **77.5294, 81.5669, 88.8264**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.6925, 45.4231, 51.9702** is the 20% darker color. If you saturate the color by 10%, you get **68.8821, 79.9521, 94.2381**, and if you desaturate by 10%, it is **83.1671, 87.3161, 94.9127**.

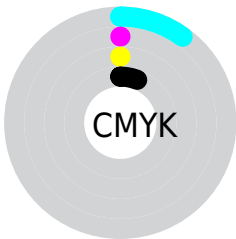
Distribution



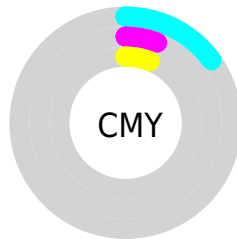
- Red (85%)
- Green (94%)
- Blue (94%)



- Red (85%)
- Yellow (90%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5035, 83.3632, 94.5493 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 75.5035, 83.3632, 94.5493 by changing the saturation by 10% instead.

■ 75.5035, 83.3632,
94.5493

■ 75.5035, 83.3632,
94.5493

468.6169,
506.1962, 563.6685

■ 56.3211, 62.4898,
71.1651

126.0089,
138.0840, 155.6320

■ 40.6984, 45.4286,
51.9943

158.0627,
172.7003, 194.1676

■ 28.2702, 31.7952,
36.6183

195.1376,
212.6663, 238.5908

■ 18.6709, 21.2051,
24.6186

237.5990,
258.3664, 289.3200

■ 11.5353, 13.2740,
15.5767

285.8123,
310.1851, 346.7738

■ 6.4980, 7.6175,
9.0740

340.1428,

■ 3.1937, 3.8512,

368.5066, 411.3708

4.6920

400.9559,
433.7155, 483.5296

■ 1.2570, 1.5907,
2.0122

■ 0.1507, 0.3513,
0.5627

■ 75.5035, 83.3632,
94.5493

■ 75.5035, 83.3632,
94.5493

■ 68.8821, 79.9521,
94.2381

■ 83.1671, 87.3161,
94.9127

■ 63.2513, 77.0493,
93.9716


■ 88.1313, 89.8752,
95.1481


■ 58.5654, 74.6338,
93.7493


■ 88.1318, 89.8754,
95.1511


■ 54.7729, 72.6787,
93.5687


■ 88.1324, 89.8756,
95.1542


 51.8169, 71.1549,
93.4274


 88.1330, 89.8759,
95.1572

 49.6342, 70.0297,
93.3222


 88.1336, 89.8761,
95.1603


 48.1526, 69.2660,
93.2498

 88.1342, 89.8763,
95.1634

 47.2863, 68.8195,
93.2063

 88.1347, 89.8766,
95.1664

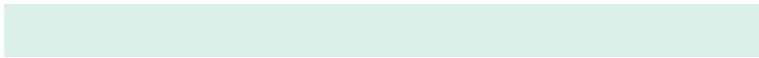
 46.8973, 68.6191,
93.1850

 88.1353, 89.8768,
95.1695

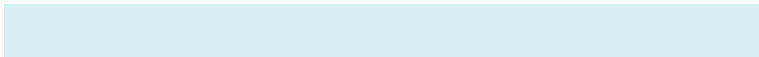
Harmonies

Analogous

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



75.3649, 83.3632, 88.5876



75.5035, 83.3632, 94.5493



76.6314, 83.3632, 99.7049

Triad

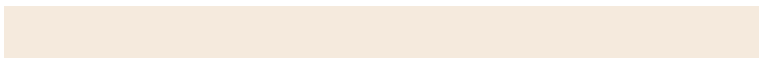
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.5035, 83.3632, 94.5493



82.2961, 83.3632, 98.5163



80.0043, 83.3632, 79.9611

Complementary

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



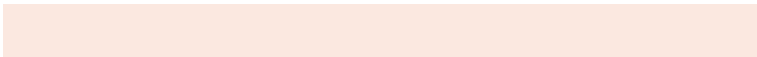
75.5035, 83.3632, 94.5493



73.2754, 73.1629, 75.9092

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.



81.8953, 83.3632, 82.3824



75.5035, 83.3632, 94.5493



83.2338, 83.3632, 92.9846

Square

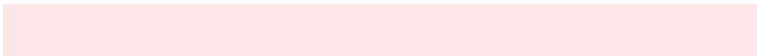
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5035, 83.3632, 94.5493



80.5436, 83.3632, 102.0637



83.0859, 83.3632, 87.0896



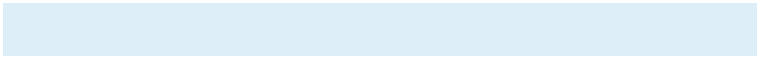
77.9391, 83.3632, 80.3387

Rectangle

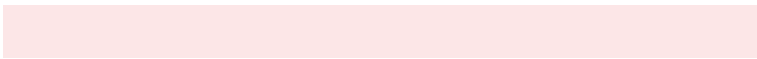
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5035, 83.3632, 94.5493



77.8038, 83.3632, 101.9095



83.0859, 83.3632, 87.0896



80.6821, 83.3632, 80.4703

Sweetspot

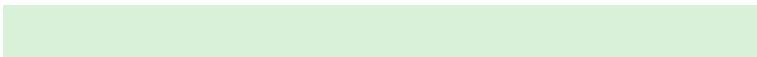
The Sweet Spot groups the original color and five complimentary colors.



75.5059, 83.3667, 94.5511



92.2911, 98.5778, 108.7698



72.4162, 82.1440, 77.6855



19.6003, 21.0204, 23.2740



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.



75.5059, 83.3667, 94.5511



84.6738, 94.6510, 108.4102



72.3328, 77.0197, 93.4962



16.2473, 17.9290, 20.3253



25.6642, 37.5577, 51.0082



2.1351, 3.1245, 4.2436

Inverse Universe

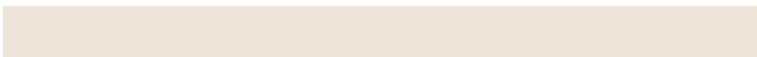
The Inverse Universe completely reimagines the original color for something new.



73.2754, 73.1629, 75.9092



81.5128, 80.1904, 81.9914



76.2381, 79.0890, 76.8944



15.7730, 15.7589, 16.3607



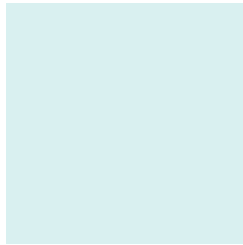
19.6716, 10.1411, 0.9215



1.6365, 0.8437, 0.0768

Previews

White Background



This preview shows how the XYZ color 75.5035, 83.3632, 94.5493 looks on a white background.

Color Contrast Check

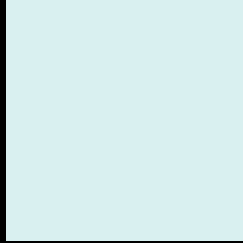
Large Text (above 18pt) WCAG AA × Fail

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 75.5035, 83.3632, 94.5493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

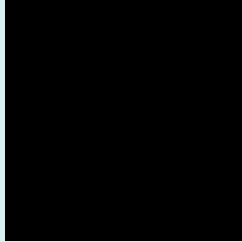
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

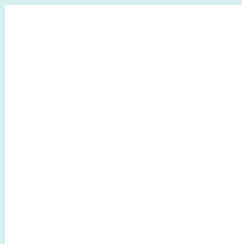
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5035, 83.3632, 94.5493

Background



This preview shows how black text looks on a background with the XYZ color 75.5035, 83.3632, 94.5493.



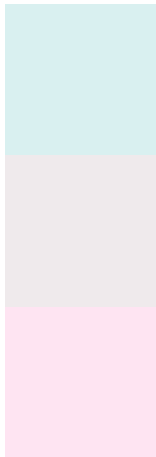
This preview shows how white text looks on a background with the XYZ color 75.5035, 83.3632, 94.5493.

94.5493.

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

75.5035, 83.3632, 94.5493

Protanopia

80.1597, 83.2525, 91.2013

Deuteranopia

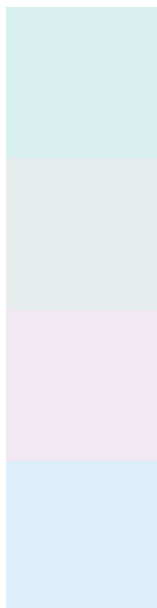
84.6435, 82.9684, 95.5577



Tritanopia

78.1530, 83.1605, 106.5402

Trichromacy



Original Color

75.5035, 83.3632, 94.5493

Protanomaly

78.2365, 83.0943, 92.0361

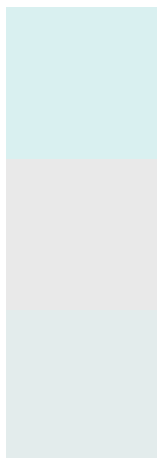
Deuteranomaly

81.0094, 82.7649, 94.9247

Tritanomaly

77.3451, 83.2668, 102.4381

Monochromacy



Original Color

75.5035, 83.3632, 94.5493

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.8143, 82.3779, 91.2089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5035, 83.3632, 94.5493 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(217, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 240, 240)  
}
```

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(217, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 240, 240) }
```

Border

The CSS property to change the border of an element to XYZ 75.5035, 83.3632, 94.5493 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(217, 240, 240) }
```


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

```
.border{ border-color:rgb(217, 240, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 240, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 240,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5035, 83.3632, 94.5493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 240, 240) }
```

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

```
.background{ background-color: rgb(217,  
240, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor