

Converting Colors

XYZ(93.3858, 124.8059,
112.1144)

Have a look what the booklet for
XYZ(93.3858, 124.8059, 112.1144)
contains.

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Color

**XYZ(75.9953, 90.2140,
106.3362)**

Conversions

Conversions Part 1

Format	Color
Hex	C3FFFD
RGB	195, 255, 253
RGB Percent	76%, 100%, 99%
CMY	0.2353, 0.0000, 0.0078
CMYK	0.24, 0.00, 0.01, 0.00
HSL	178°, 100%, 88%
HSV	178°, 24%, 100%
XYZ	75.9953, 90.2140, 106.3362
YIQ	236.8320, -35.1180, -13.3420

Conversions

Conversions Part 2

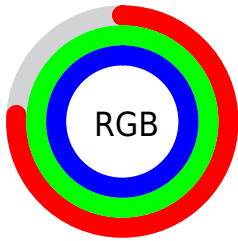
Format	Color
R_{YB}	195, 226, 255
Decimal	12845053
CIE _{Lab}	96.09, -19.05, -5.18
CIE _{LCh}	96, 19.745, 195.202
Yxy	90.2140, 0.2788, 0.3310
Android (android.graphics.Color)	4291035133 (0xFFC3FFFD)
YUV	236.8320, 7.9708, -36.6867
Hunter-Lab	94.9811, -23.3972, 0.1085

Details

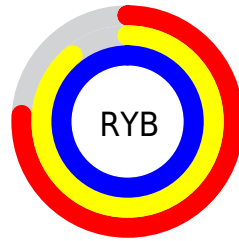
The XYZ color **75.9953, 90.2140, 106.3362** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8339, 64.3227, 61.5061**, and the grayscale version is **80.3269, 84.5101, 92.0315**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **40.9731, 49.9491, 59.7062** is the 20% darker color. If you saturate the color by 10%, you get **69.8251, 87.0487, 105.3441**, and if you desaturate by 10%, it is **83.2932, 93.9604, 107.3871**.

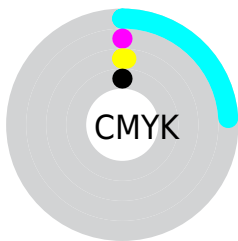
Distribution



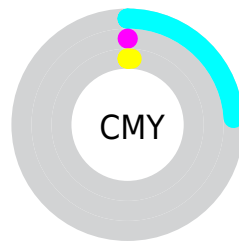
- Red (76%)
- Green (100%)
- Blue (99%)



- Red (76%)
- Yellow (89%)
- Blue (100%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9953, 90.2140, 106.3362 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 75.9953, 90.2140, 106.3362 by changing the saturation by 10% instead.

75.9953, 90.2140,
106.3362

75.9953, 90.2140,
106.3362

470.2762,
528.7267, 601.7410

56.7257, 68.1581,
80.9563

126.7007,
147.6356, 171.9652

41.0243, 50.0264,
59.9749

158.8671,
183.7702, 213.0514

28.5259, 35.4344,
42.9732

196.0632,
225.3664, 260.2102

18.8649, 23.9977,
29.5328

238.6544,
272.8087, 313.8601

11.6761, 15.3319,
19.2352

287.0059,
326.4815, 374.4195

6.5942, 9.0526,
11.6618

341.4831,

3.2537, 4.7755,

386.7692, 442.3071

6.3941

402.4515,
454.0561, 517.9415

■ 1.2893, 2.1162,
3.0135

■ 0.1752, 0.6737,
1.1016

■ 75.9953, 90.2140,
106.3362

■ 75.9953, 90.2140,
106.3362

■ 69.8251, 87.0487,
105.3441

■ 83.2932, 93.9604,
107.3871

■ 64.7225, 84.4337,
104.4037

■ 91.7688, 98.3140,
108.4948

■ 60.6263, 82.3375,
103.5135

95.0500, 100.0000,
108.9000

■ 57.4679, 80.7247,
102.6704

■ 55.1701, 79.5554,
101.8706

■ 53.6437, 78.7838,
101.1101

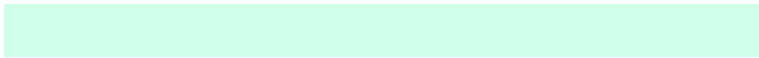
■ 52.7797, 78.3536,
100.3837

■ 52.4725, 78.2050,
99.9270

Harmonies

Analogous

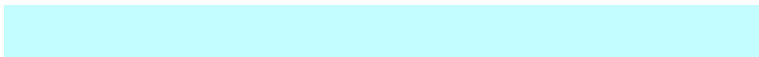
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.9776, 90.2140, 90.7364



75.9953, 90.2140, 106.3362



78.5493, 90.2140, 121.1791

Triad

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



75.9953, 90.2140, 106.3362



93.4242, 90.2140, 121.0068



88.4591, 90.2140, 71.8985

Complementary

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



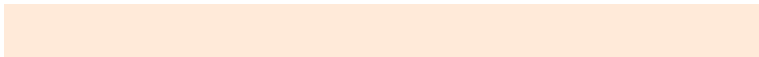
75.9953, 90.2140, 106.3362



70.8339, 64.3227, 61.5061

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.



93.3688, 90.2140, 78.3743



75.9953, 90.2140, 106.3362



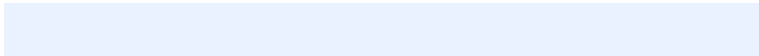
96.3170, 90.2140, 106.1204

Square

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



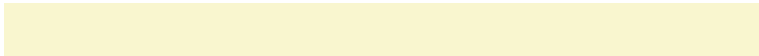
75.9953, 90.2140, 106.3362



88.5321, 90.2140, 130.2419



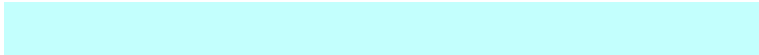
96.2963, 90.2140, 90.5423



83.0184, 90.2140, 71.9431

Rectangle

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



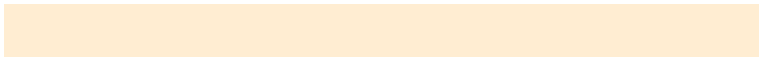
75.9953, 90.2140, 106.3362



81.4114, 90.2140, 128.1737



96.2963, 90.2140, 90.5423



90.2312, 90.2140, 73.3520

Sweetspot

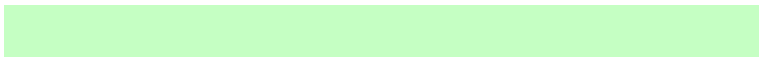
The Sweet Spot groups the original color and five complimentary colors.



75.9963, 90.2144, 106.3377



88.6896, 96.7321, 108.1035



68.6373, 87.3309, 64.8704



18.8718, 20.6474, 23.1242



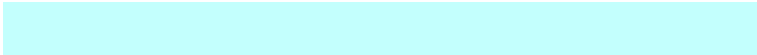
0.0000, 0.0000, 0.0000



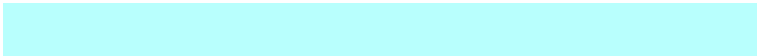
20.3446, 21.4041, 23.3091

Same Dimension

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



75.9963, 90.2144, 106.3377



73.1009, 88.7288, 105.8867



68.0258, 73.7613, 105.2598



18.5272, 20.4704, 23.0791



27.4297, 40.8685, 52.2755



2.6786, 3.9824, 5.1314

Inverse Universe

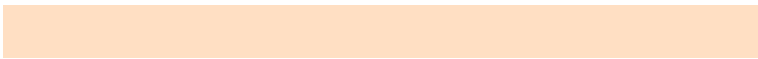
The Inverse Universe completely reimagines the original color for something new.



70.8339, 64.3227, 61.5061



67.1581, 58.9193, 54.2750



77.4787, 77.9764, 62.5988



18.0339, 17.9969, 18.7956



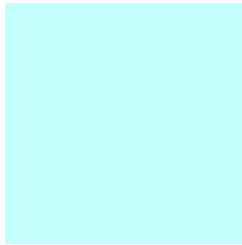
21.5837, 11.1228, 1.1922



2.1098, 1.0863, 0.1594

Previews

White Background



This preview shows how the XYZ color 75.9953, 90.2140, 106.3362 looks on a white background.

Color Contrast Check

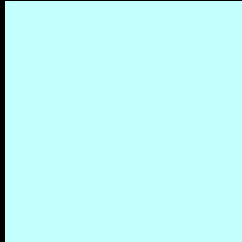
Large Text (above 18pt) WCAG AA × Fail

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 75.9953, 90.2140, 106.3362 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

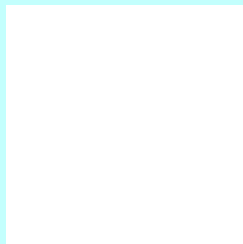
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.9953, 90.2140, 106.3362

Background



This preview shows how black text looks on a background with the XYZ color 75.9953, 90.2140, 106.3362.

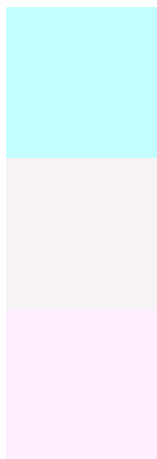


This preview shows how white text looks on a background with the XYZ color 75.9953, 90.2140,

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

75.9953, 90.2140, 106.3362

Protanopia

86.2396, 89.6897, 99.1527

Deuteranopia

89.5442, 89.5009, 105.4844



Tritanopia

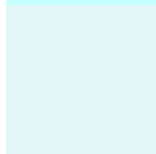
82.9893, 90.0724, 107.6195

Trichromacy



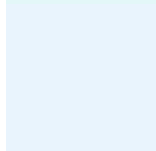
Original Color

75.9953, 90.2140, 106.3362



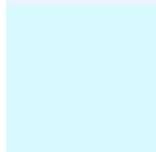
Protanomaly

81.8826, 89.6297, 101.7915



Deuteranomaly

83.6846, 89.1169, 105.7191



Tritanomaly

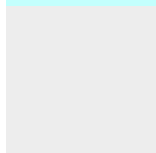
80.0993, 89.9740, 106.9110

Monochromacy



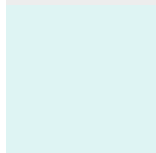
Original Color

75.9953, 90.2140, 106.3362



Achromatopsia

80.4953, 84.6873, 92.2245



Achromatomaly

78.6525, 86.7020, 97.3838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9953, 90.2140, 106.3362 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(195, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(195, 255, 253)  
}
```

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(195, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 255, 253) }
```

Border

The CSS property to change the border of an element to XYZ 75.9953, 90.2140, 106.3362 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(195, 255, 253) }
```


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

```
.border{ border-color:rgb(195, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(195, 255,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9953, 90.2140, 106.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 255, 253) }
```

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

```
.background{ background-color: rgb(195,  
255, 253) }
```

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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