

Converting Colors

XYZ(55.2732, 74.5862, 94.6243)

Have a look what the booklet for
XYZ(55.2732, 74.5862, 94.6243)
contains.

XYZ(55.2981, 74.6971, 94.7226)	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(55.2981, 74.6971,
94.7226)**

Conversions

Conversions Part 1

Format	Color
Hex	73F4F1
RGB	115, 244, 241
RGB Percent	45%, 96%, 95%
CMY	0.5490, 0.0431, 0.0549
CMYK	0.53, 0.00, 0.01, 0.04
HSL	179°, 85%, 70%
HSV	179°, 53%, 96%
XYZ	55.2981, 74.6971, 94.7226
YIQ	205.0870, -75.9210, -28.2810

Conversions

Conversions Part 2

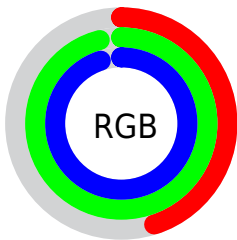
Format	Color
R_{YB}	115, 180, 244
Decimal	7599345
CIE _{Lab}	89.25, -36.26, -9.46
CIE _{LCh}	89, 37.473, 194.618
Y _{xy}	74.6971, 0.2461, 0.3324
Android (android.graphics.Color)	4285789425 (0xFF73F4F1)
YUV	205.0870, 17.7051, -79.0063
Hunter-Lab	86.4275, -37.0401, -4.4813

Details

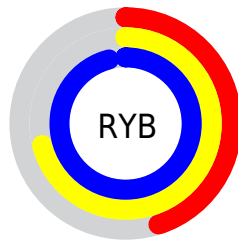
The XYZ color **55.2981, 74.6971, 94.7226** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **46.7115, 32.8048, 21.0120**, and the grayscale version is **58.0113, 61.0324, 66.4642**.

A 20% lighter version of the original color is **71.7145, 87.9701, 107.8079**, and **27.5660, 39.5789, 52.0856** is the 20% darker color. If you saturate the color by 10%, you get **52.4202, 73.2250, 94.1474**, and if you desaturate by 10%, it is **59.0297, 76.6127, 95.3424**.

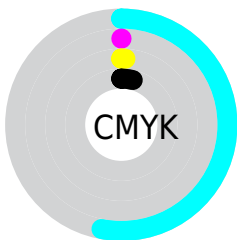
Distribution



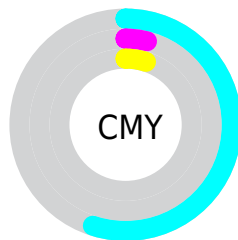
- Red (45%)
- Green (96%)
- Blue (95%)



- Red (45%)
- Yellow (71%)
- Blue (96%)



- Cyan (53%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)





- Cyan (55%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2981, 74.6971, 94.7226 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 55.2981, 74.6971, 94.7226 by changing the saturation by 10% instead.


 55.2981, 74.6971,
94.7226


 55.2981, 74.6971,
94.7226


397.1590,
476.8758, 564.2382


 39.8752, 55.3648,
71.3085


 97.1234, 125.8835,
155.8736

 27.6251, 39.6939,
52.1106


 124.2565,
158.5064, 194.4476

 18.1822, 27.2999,
36.7104


 156.0237,
196.3282, 238.9119

 11.1814, 17.7986,
24.6893

192.7904,
239.7334, 289.6852

 6.2572, 10.8055,
15.6288

234.9219,
289.1064, 347.1859

 3.0442, 5.9362,
9.1104

282.7836,

 1.1772, 2.8063,

344.8315, 411.8326

4.7155

336.7408,
407.2932, 484.0438

■ 0.0882, 1.0315,
2.0255

■ 0.0000, 0.0000,
0.5709

■ 55.2981, 74.6971,
94.7226

■ 55.2981, 74.6971,
94.7226

■ 52.4202, 73.2250,
94.1474

■ 59.0297, 76.6127,
95.3424

■ 50.3208, 72.1525,
93.6084


■ 63.6695, 78.9948,
96.0045


■ 48.9228, 71.4415,
93.1035


■ 69.2751, 81.8747,
96.7132


■ 48.1305, 71.0428,
92.6284


■ 75.8977, 85.2789,
97.4708

 47.8323, 70.8959,
92.3029

 83.5846, 89.2316,
98.2796

 89.9832, 92.5203,
99.0295

 90.0698, 92.5549,
99.4854

 90.1566, 92.5897,
99.9428

 90.2437, 92.6245,
100.4015

Harmonies

Analogous

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



55.3495, 74.6971, 68.6863



55.2981, 74.6971, 94.7226



59.1963, 74.6971, 122.1031

Triad

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



55.2981, 74.6971, 94.7226



84.0851, 74.6971, 122.7270



75.7670, 74.6971, 41.7825

Complementary

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



55.2981, 74.6971, 94.7226



46.7115, 32.8048, 21.0120

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.



84.2709, 74.6971, 50.8277



55.2981, 74.6971, 94.7226



89.3471, 74.6971, 95.4427

Square

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



55.2981, 74.6971, 94.7226



75.5306, 74.6971, 140.4776



89.4179, 74.6971, 69.2677



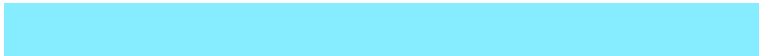
66.6492, 74.6971, 41.6710

Rectangle

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



55.2981, 74.6971, 94.7226



63.7199, 74.6971, 135.8751



89.4179, 74.6971, 69.2677



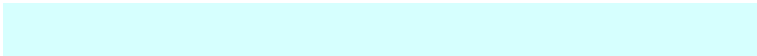
78.8088, 74.6971, 43.7754

Sweetspot

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



55.3003, 74.7000, 94.7244



81.4474, 93.0052, 107.4674



43.0965, 69.8853, 27.4392



17.1058, 19.7387, 22.9653



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.



55.3003, 74.7000, 94.7244



57.8659, 80.8997, 104.0481



40.5007, 44.3771, 92.0221



16.9791, 18.7508, 21.1741



26.0152, 38.5509, 50.2271



2.2917, 3.3903, 4.4419

Inverse Universe

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



46.7115, 32.8048, 21.0120



47.4827, 30.2113, 14.9060



55.7744, 51.2115, 23.1666



16.5148, 16.4888, 17.1914



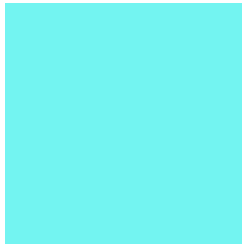
20.3099, 10.4674, 1.0744



1.7904, 0.9221, 0.1228

Previews

White Background



This preview shows how the XYZ color 55.2981, 74.6971, 94.7226 looks on a white background.

Color Contrast Check

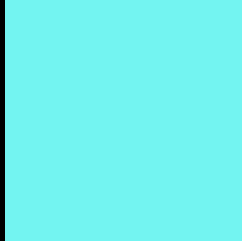
Large Text (above 18pt) WCAG AA × Fail

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 55.2981, 74.6971, 94.7226 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

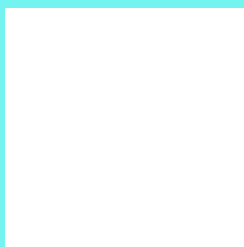
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.2981, 74.6971, 94.7226

Background



This preview shows how black text looks on a background with the XYZ color 55.2981, 74.6971, 94.7226.

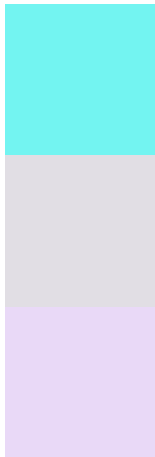


This preview shows how white text looks on a background with the XYZ color 55.2981, 74.6971,

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

55.2981, 74.6971, 94.7226

Protanopia

71.1762, 73.8515, 83.9022

Deuteranopia

75.2056, 73.6647, 98.2506



Tritanopia

60.1261, 74.2984, 105.7798

Trichromacy



Original Color

55.2981, 74.6971, 94.7226



Protanomaly

63.0124, 72.7911, 87.8198



Deuteranomaly

65.1857, 72.4779, 96.9402



Tritanomaly

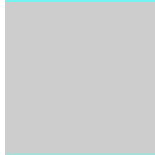
58.0883, 74.2088, 101.7046

Monochromacy



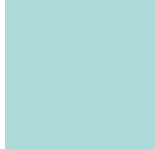
Original Color

55.2981, 74.6971, 94.7226



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

54.9997, 64.4956, 75.8798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2981, 74.6971, 94.7226 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(115, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(115, 244, 241)  
}
```

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(115, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 244, 241) }
```

Border

The CSS property to change the border of an element to XYZ 55.2981, 74.6971, 94.7226 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(115, 244, 241) }
```


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

```
.border{ border-color:rgb(115, 244, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 244, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(115, 244,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2981, 74.6971, 94.7226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 244, 241) }
```

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

```
.background{ background-color: rgb(115,  
244, 241) }
```

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