

Converting Colors

XYZ(55.8484, 75.2121,
100.5436)

Have a look what the booklet for
XYZ(55.8484, 75.2121, 100.5436)
contains.

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Color

**XYZ(55.9024, 75.3333,
100.4014)**

Conversions

Conversions Part 1

Format	Color
Hex	6DF5F8
RGB	109, 245, 248
RGB Percent	43%, 96%, 97%
CMY	0.5725, 0.0392, 0.0274
CMYK	0.56, 0.01, 0.00, 0.03
HSL	181°, 91%, 70%
HSV	181°, 56%, 97%
XYZ	55.9024, 75.3333, 100.4014
YIQ	204.6780, -82.0190, -27.8990

Conversions

Conversions Part 2

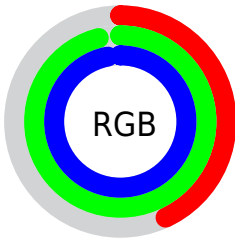
Format	Color
R _Y B	109, 178, 248
Decimal	7206392
CIE Lab	89.55, -36.03, -12.69
CIE LCh	90, 38.197, 199.396
Yxy	75.3333, 0.2413, 0.3252
Android (android.graphics.Color)	4285396472 (0xFF6DF5F8)
YUV	204.6780, 21.3577, -83.9096
Hunter-Lab	86.7948, -36.9233, -7.8284

Details

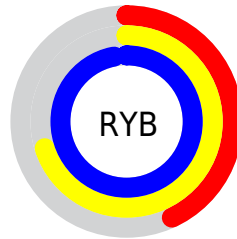
The XYZ color **55.9024, 75.3333, 100.4014** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.2675, 32.6506, 18.2810**, and the grayscale version is **57.7321, 60.7387, 66.1444**.

A 20% lighter version of the original color is **70.8233, 87.5107, 107.7662**, and **28.0043, 40.0334, 56.1204** is the 20% darker color. If you saturate the color by 10%, you get **53.1102, 73.6557, 100.2261**, and if you desaturate by 10%, it is **59.5600, 77.4612, 100.6207**.

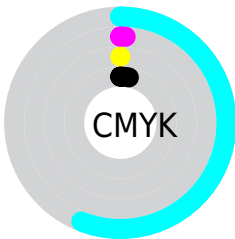
Distribution



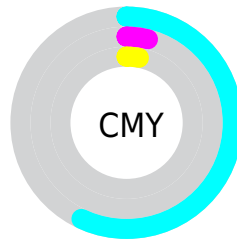
- Red (43%)
- Green (96%)
- Blue (97%)



- Red (43%)
- Yellow (70%)
- Blue (97%)



- Cyan (56%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.9024, 75.3333, 100.4014 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 55.9024, 75.3333, 100.4014 by changing the saturation by 10% instead.


 55.9024, 75.3333,
100.4014


 55.9024, 75.3333,
100.4014


399.4046,
479.0624, 582.7365


 40.3614, 55.8860,
76.0171


 98.0025, 126.7841,
163.7654

 28.0059, 40.1115,
55.9398


 125.2923,
159.5563, 203.5821

 18.4706, 27.6255,
39.7510


 157.2290,
197.5389, 249.3800

 11.3901, 18.0435,
27.0321

194.1781,
241.1164, 301.5776

 6.3991, 10.9813,
17.3647

236.5048,
290.6731, 360.5936

 3.1322, 6.0542,
10.3301

284.5746,

 1.2240, 2.8781,

346.5934, 426.8463

5.5099

338.7527,
409.2617, 500.7545

■ 0.1252, 1.0684,
2.4855

■ 0.0000, 0.0000,
0.8325

■ 55.9024, 75.3333,
100.4014

■ 55.9024, 75.3333,
100.4014

■ 53.1102, 73.6557,
100.2261

■ 59.5600, 77.4612,
100.6207

■ 51.1022, 72.3813,
100.0860


■ 64.1421, 80.0646,
100.8817


■ 49.7935, 71.4682,
99.9787


■ 69.7103, 83.1771,
101.1890


■ 49.0762, 70.8606,
99.8992


■ 76.3192, 86.8268,
101.5451


 48.8902, 70.6708,
99.8724

 84.0191, 91.0396,
101.9525

 91.8165, 95.3034,
102.3645

 91.9814, 95.6332,
102.4194

 92.1468, 95.9639,
102.4746

 92.3126, 96.2956,
102.5298

Harmonies

Analogous

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



55.2979, 75.3333, 72.8828



55.9024, 75.3333, 100.4014



60.4942, 75.3333, 127.8205

Triad

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



55.9024, 75.3333, 100.4014



86.1859, 75.3333, 120.4418



74.9724, 75.3333, 41.0107

Complementary

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



55.9024, 75.3333, 100.4014



47.2675, 32.6506, 18.2810

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.



83.9926, 75.3333, 48.7281



55.9024, 75.3333, 100.4014



90.8320, 75.3333, 91.9017

Square

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



55.9024, 75.3333, 100.4014



77.7599, 75.3333, 141.0263



89.9960, 75.3333, 66.0402



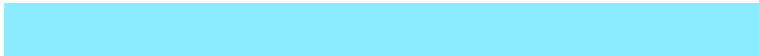
65.7782, 75.3333, 42.3152

Rectangle

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



55.9024, 75.3333, 100.4014



65.4411, 75.3333, 140.4924



89.9960, 75.3333, 66.0402



78.1380, 75.3333, 42.5552

Sweetspot

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



55.9047, 75.3362, 100.4032



80.5630, 92.0900, 108.1368



42.7626, 71.5424, 26.6879



16.9258, 19.5360, 23.1287



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.



55.9047, 75.3362, 100.4032



56.3152, 78.3030, 106.7536



38.8134, 41.1535, 94.7061



17.7318, 19.5405, 22.2224



26.4244, 38.2044, 53.9550



2.4573, 3.5582, 5.0005

Inverse Universe

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



60.6634, 37.4884, 90.4279



61.8843, 34.6089, 94.9458



57.9603, 54.0361, 21.8453



17.9759, 17.5177, 21.7290



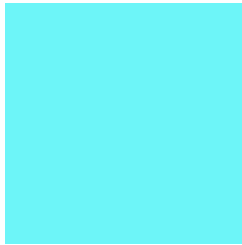
29.6298, 14.2677, 46.8866



2.7492, 1.3234, 4.3689

Previews

White Background



This preview shows how the XYZ color 55.9024, 75.3333, 100.4014 looks on a white background.

Color Contrast Check

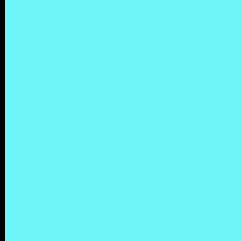
Large Text (above 18pt) WCAG AA × Fail

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 55.9024, 75.3333, 100.4014 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 55.9024, 75.3333, 100.4014

Background



This preview shows how black text looks on a background with the XYZ color 55.9024, 75.3333, 100.4014.

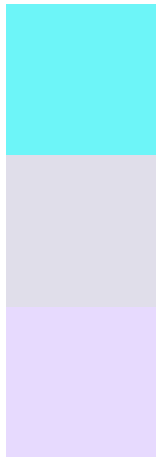


This preview shows how white text looks on a background with the XYZ color 55.9024, 75.3333,

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

55.9024, 75.3333, 100.4014

Protanopia

71.7130, 74.0304, 88.3515

Deuteranopia

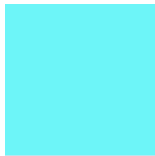
75.9158, 74.2875, 104.1037



Tritanopia

60.5936, 74.9727, 105.8853

Trichromacy



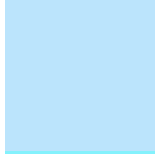
Original Color

55.9024, 75.3333, 100.4014



Protanomaly

63.1682, 72.7707, 92.3782



Deuteranomaly

65.8076, 73.0799, 102.7329



Tritanomaly

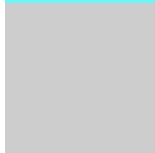
58.5417, 74.8444, 103.4564

Monochromacy



Original Color

55.9024, 75.3333, 100.4014



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.2219, 64.9529, 78.0333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9024, 75.3333, 100.4014 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(109, 245, 248)` looks like.

```
.text, #text, p{  
    color:rgb(109, 245, 248)  
}
```

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(109, 245, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 245, 248) }
```

Border

The CSS property to change the border of an element to XYZ 55.9024, 75.3333, 100.4014 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(109, 245, 248) }
```


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

```
.border{ border-color:rgb(109, 245, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 245, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 245, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 245, 248);  
box-shadow:4px 4px 4px 4px rgb(109, 245,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9024, 75.3333, 100.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 245, 248) }
```

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

```
.background{ background-color: rgb(109,  
245, 248) }
```

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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