

Converting Colors

XYZ(55.9761, 74.9234,
100.3184)

Have a look what the booklet for
XYZ(55.9761, 74.9234, 100.3184)
contains.

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Color

**XYZ(55.9761, 74.9234,
100.3184)**

Conversions

Conversions Part 1

Format	Color
Hex	70F4F8
RGB	112, 244, 248
RGB Percent	44%, 96%, 97%
CMY	0.5608, 0.0431, 0.0274
CMYK	0.55, 0.02, 0.00, 0.03
HSL	182°, 91%, 71%
HSV	182°, 55%, 97%
XYZ	55.9761, 74.9234, 100.3184
YIQ	204.9880, -79.9560, -26.7400

Conversions

Conversions Part 2

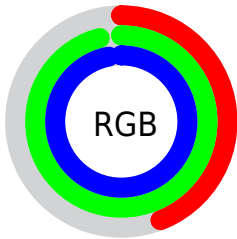
Format	Color
R_{YB}	112, 179, 248
Decimal	7402744
CIE _{Lab}	89.36, -35.02, -12.96
CIE _{LCh}	89, 37.341, 200.312
Yxy	74.9234, 0.2421, 0.3240
Android (android.graphics.Color)	4285592824 (0xFF70F4F8)
YUV	204.9880, 21.2049, -81.5505
Hunter-Lab	86.5583, -36.0435, -8.1245

Details

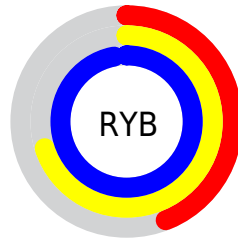
The XYZ color **55.9761, 74.9234, 100.3184** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **47.8830, 33.6187, 19.2967**, and the grayscale version is **57.9288, 60.9456, 66.3698**.

A 20% lighter version of the original color is **71.2656, 87.7387, 107.7869**, and **28.0123, 39.7215, 56.0598** is the 20% darker color. If you saturate the color by 10%, you get **53.0262, 73.0794, 100.1193**, and if you desaturate by 10%, it is **59.8001, 77.2228, 100.5620**.

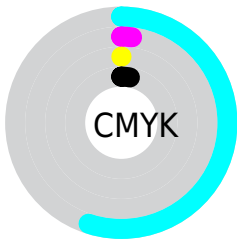
Distribution



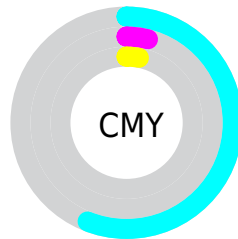
- Red (44%)
- Green (96%)
- Blue (97%)



- Red (44%)
- Yellow (70%)
- Blue (97%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (56%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.9761, 74.9234, 100.3184 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 55.9761, 74.9234, 100.3184 by changing the saturation by 10% instead.

55.9761, 74.9234,
100.3184

55.9761, 74.9234,
100.3184

399.6779,
477.6542, 582.4684

40.4207, 55.5501,
75.9481

98.1096, 126.2039,
163.6504

28.0524, 39.8424,
55.8836

125.4185,
158.8800, 203.4491

18.5058, 27.4157,
39.7062

157.3758,
196.7591, 249.2278

11.4156, 17.8856,
26.9975

194.3471,
240.2256, 301.4048

6.4165, 10.8679,
17.3389

236.6976,
289.6640, 360.3989

3.1430, 5.9781,
10.3119

284.7926,

1.2298, 2.8318,

345.4587, 426.6285

5.4980

338.9976,
407.9939, 500.5122

■ 0.1297, 1.0445,
2.4785

■ 0.0000, 0.0000,
0.8287

■ 55.9761, 74.9234,
100.3184

■ 55.9761, 74.9234,
100.3184

■ 53.0262, 73.0794,
100.1193

■ 59.8001, 77.2228,
100.5620

■ 50.8705, 71.6443,
99.9559


■ 64.5565, 80.0024,
100.8478


■ 49.4260, 70.5772,
99.8261

■ 70.3063, 83.2954,
101.1804


■ 48.5879, 69.8239,
99.7248


■ 77.1034, 87.1297,
101.5623


 48.3134, 69.5170,
99.6801

 84.9979, 91.5309,
101.9957

 91.8673, 95.4050,
102.3814

 92.0924, 95.8551,
102.4564

 92.3183, 96.3070,
102.5317

 92.5451, 96.7606,
102.6073

Harmonies

Analogous

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



55.2622, 74.9234, 73.4022



55.9761, 74.9234, 100.3184



60.5732, 74.9234, 126.7401

Triad

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



55.9761, 74.9234, 100.3184



85.6037, 74.9234, 118.1085



74.2097, 74.9234, 41.3576

Complementary

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



55.9761, 74.9234, 100.3184



47.8830, 33.6187, 19.2967

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.



83.0298, 74.9234, 48.6658



55.9761, 74.9234, 100.3184



89.9697, 74.9234, 90.3413

Square

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



55.9761, 74.9234, 100.3184



77.4860, 74.9234, 138.4392



88.9895, 74.9234, 65.3316



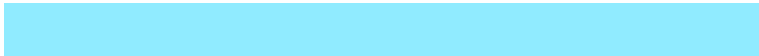
65.2870, 74.9234, 42.9094

Rectangle

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



55.9761, 74.9234, 100.3184



65.4568, 74.9234, 138.7059



88.9895, 74.9234, 65.3316



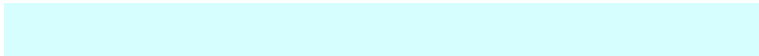
77.2960, 74.9234, 42.7874

Sweetspot

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



55.9784, 74.9263, 100.3202



81.2185, 92.3034, 108.1434



43.3038, 71.8022, 27.5783



17.0506, 19.5692, 23.1285



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.



55.9784, 74.9263, 100.3202



56.1544, 77.6356, 106.6333



39.4948, 41.9592, 94.8257



17.7195, 19.5158, 22.2183



26.1178, 37.5911, 53.8528



2.4324, 3.5084, 4.9922

Inverse Universe

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



60.8367, 38.0786, 89.7344



61.8875, 34.9333, 93.9665



58.4205, 54.6938, 22.8092



17.9697, 17.5152, 21.6962



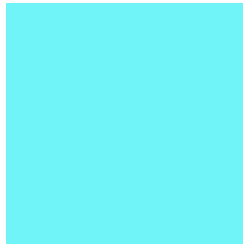
29.4751, 14.2057, 46.0716



2.7367, 1.3184, 4.3026

Previews

White Background



This preview shows how the XYZ color 55.9761, 74.9234, 100.3184 looks on a white background.

Color Contrast Check

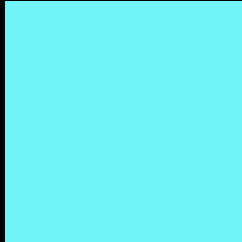
Large Text (above 18pt) WCAG AA × Fail

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 55.9761, 74.9234, 100.3184 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 55.9761, 74.9234, 100.3184

Background



This preview shows how black text looks on a background with the XYZ color 55.9761, 74.9234, 100.3184.

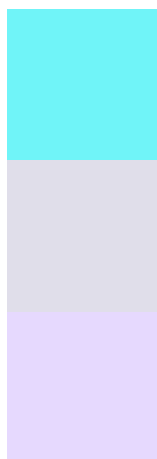


This preview shows how white text looks on a background with the XYZ color 55.9761, 74.9234,

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

55.9761, 74.9234, 100.3184

Protanopia

71.7130, 74.0304, 88.3515

Deuteranopia

75.3354, 73.6045, 104.0024



Tritanopia

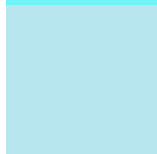
60.4181, 74.8823, 105.8771

Trichromacy



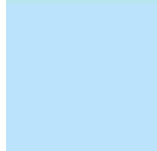
Original Color

55.9761, 74.9234, 100.3184



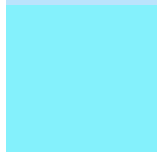
Protanomaly

63.4052, 72.8929, 92.3893



Deuteranomaly

65.5333, 72.5312, 102.6414



Tritanomaly

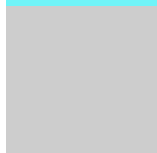
58.5417, 74.8444, 103.4564

Monochromacy



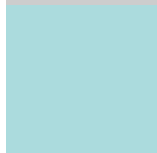
Original Color

55.9761, 74.9234, 100.3184



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

55.1772, 64.5414, 77.9562

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.9761, 74.9234, 100.3184 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(112, 244, 248)` looks like.

```
.text, #text, p{  
    color:rgb(112, 244, 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(112, 244, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 244, 248) }
```

Border

The CSS property to change the border of an element to XYZ 55.9761, 74.9234, 100.3184 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(112, 244, 248) }
```


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

```
.border{ border-color:rgb(112, 244, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 244, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 244, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 244, 248); box-shadow:4px 4px 4px 4px rgb(112, 244, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 55.9761, 74.9234, 100.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 244, 248) }
```

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

```
.background{ background-color: rgb(112,  
244, 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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