

Converting Colors

XYZ(51.7134, 64.0616,
104.1312)

Have a look what the booklet for
XYZ(51.7134, 64.0616, 104.1312)
contains.

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Color

**XYZ(51.7759, 64.1761,
104.2661)**

Conversions

Conversions Part 1

Format	Color
Hex	73E0FF
RGB	115, 224, 255
RGB Percent	45%, 88%, 100%
CMY	0.5490, 0.1216, 0.0000
CMYK	0.55, 0.12, 0.00, 0.00
HSL	193°, 100%, 73%
HSV	193°, 55%, 100%
XYZ	51.7759, 64.1761, 104.2661
YIQ	194.9430, -74.9150, -13.4670

Conversions

Conversions Part 2

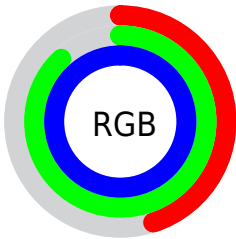
Format	Color
R_{YB}	115, 176, 255
Decimal	7594239
CIE _{Lab}	84.06, -22.93, -24.62
CIE _{LCh}	84, 33.645, 227.033
Yxy	64.1761, 0.2351, 0.2914
Android (android.graphics.Color)	4285784319 (0xFF73E0FF)
YUV	194.9430, 29.6081, -70.1100
Hunter-Lab	80.1100, -24.8261, -21.0911

Details

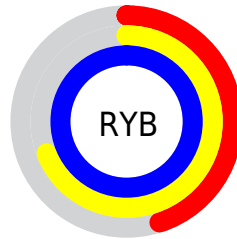
The XYZ color **51.7759, 64.1761, 104.2661** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **54.6144, 43.0569, 21.6542**, and the grayscale version is **51.7010, 54.3935, 59.2345**.

A 20% lighter version of the original color is **71.7145, 87.9701, 107.8079**, and **25.4632, 33.0110, 58.4558** is the 20% darker color. If you saturate the color by 10%, you get **47.3828, 59.6973, 103.6331**, and if you desaturate by 10%, it is **57.1502, 69.2383, 104.9599**.

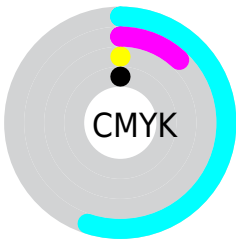
Distribution



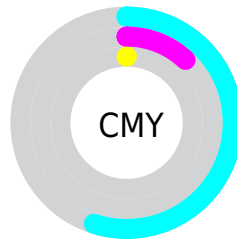
- Red (45%)
- Green (88%)
- Blue (100%)



- Red (45%)
- Yellow (69%)
- Blue (100%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (55%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7759, 64.1761, 104.2661 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 51.7759, 64.1761, 104.2661 by changing the saturation by 10% instead.

51.7759, 64.1761,
104.2661

51.7759, 64.1761,
104.2661

383.9090,
439.8253, 595.1484

37.0500, 46.7933,
79.2314

91.9768, 110.8645,
169.1103

25.4201, 32.8723,
58.5637

118.1826,
140.9389, 209.7570

16.5207, 22.0286,
41.8443

148.9457,
176.0127, 256.4447

9.9865, 13.8779,
28.6547

184.6316,
216.4702, 309.5921

5.4522, 8.0358,
18.5764

225.6055,
262.6958, 369.6176

2.5524, 4.1179,
11.1909

272.2328,

0.9218, 1.7397,

315.0739, 436.9398

6.0796

324.8788,
373.9889, 511.9772

■ 0.0000, 0.4492,
2.8240

■ 0.0000, 0.0000,
1.0055

■ 51.7759, 64.1761,
104.2661

■ 51.7759, 64.1761,
104.2661

■ 47.3828, 59.6973,
103.6331

■ 57.1502, 69.2383,
104.9599

■ 43.8865, 55.7535,
103.0562

■ 63.5704, 74.9138,
105.7170

■ 41.1967, 52.2989,
102.5311

■ 71.1017, 81.2383,
106.5408

■ 39.2005, 49.2745,
102.0526

■ 79.8022, 88.2425,
107.4342

■ 38.3675, 47.8549,
101.8225

■ 89.7262, 95.9549,
108.3998

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



48.3410, 64.1761, 82.5501



51.7759, 64.1761, 104.2661



57.8500, 64.1761, 117.7698

Triad

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



51.7759, 64.1761, 104.2661



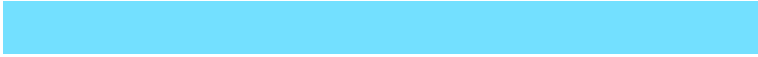
75.9932, 64.1761, 79.4578



56.9106, 64.1761, 37.6227

Complementary

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



51.7759, 64.1761, 104.2661



54.6144, 43.0569, 21.6542

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.



64.2570, 64.1761, 37.1280



51.7759, 64.1761, 104.2661



75.6901, 64.1761, 58.5720

Square

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



51.7759, 64.1761, 104.2661



72.0512, 64.1761, 101.6102



71.2537, 64.1761, 44.0265



51.1364, 64.1761, 45.5515

Rectangle

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



51.7759, 64.1761, 104.2661



62.7622, 64.1761, 118.8135



71.2537, 64.1761, 44.0265



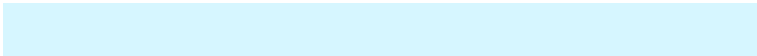
59.2661, 64.1761, 36.6480

Sweetspot

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



51.7777, 64.1784, 104.2664



78.7855, 87.4372, 107.3324



47.9682, 77.2201, 39.3021



16.4648, 18.3978, 22.9333



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.



51.7777, 64.1784, 104.2664



46.9554, 59.2376, 103.5669



36.7880, 34.1989, 99.2699



18.1936, 19.7589, 23.1049



20.1638, 25.2372, 53.2431



2.0434, 2.6174, 5.2108

Inverse Universe

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



60.8265, 38.9051, 74.8269



57.2443, 33.0760, 69.5156



68.7209, 71.2698, 26.3563



18.6104, 18.2275, 21.8314



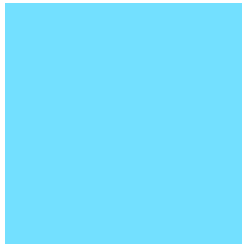
26.9660, 13.2757, 29.5348



2.6660, 1.3088, 3.0886

Previews

White Background



This preview shows how the XYZ color 51.7759, 64.1761, 104.2661 looks on a white background.

Color Contrast Check

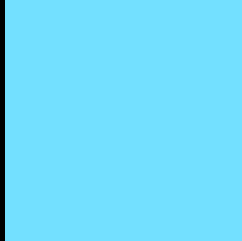
Large Text (above 18pt) WCAG AA × Fail

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 51.7759, 64.1761, 104.2661 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 51.7759, 64.1761, 104.2661

Background



This preview shows how black text looks on a background with the XYZ color 51.7759, 64.1761, 104.2661.

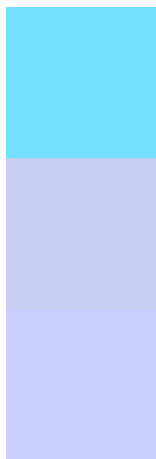


This preview shows how white text looks on a background with the XYZ color 51.7759, 64.1761,

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

51.7759, 64.1761, 104.2661

Protanopia

62.5779, 63.5142, 93.7553

Deuteranopia

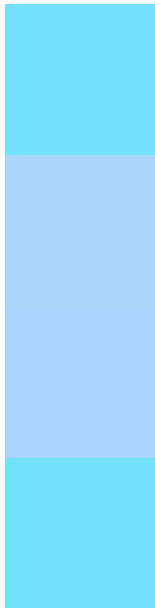
64.5099, 63.5792, 103.4797



Tritanopia

50.0810, 64.3039, 95.3603

Trichromacy



Original Color

51.7759, 64.1761, 104.2661

Protanomaly

57.1603, 62.8499, 97.1143

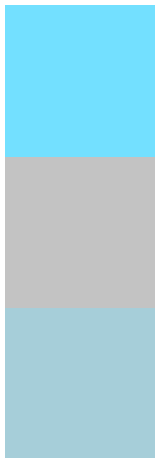
Deuteranomaly

58.3881, 62.9649, 103.6838

Tritanomaly

50.5506, 64.0725, 98.5099

Monochromacy



Original Color

51.7759, 64.1761, 104.2661

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

50.3216, 57.2594, 74.0456

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7759, 64.1761, 104.2661 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(115, 224, 255)  
}
```

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, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.7759, 64.1761, 104.2661 is called "border". The border property can be set on classes, ids or directly on the HTML element.

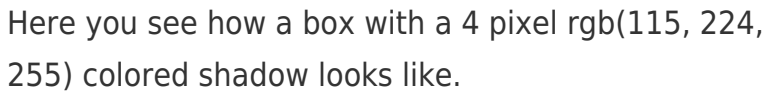
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 224, 255) }
```


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

```
.border{ border-color:rgb(115, 224, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 224, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 224, 255); box-shadow:4px 4px 4px 4px rgb(115, 224, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7759, 64.1761, 104.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 224, 255) }
```

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

```
.background{ background-color: rgb(115,  
224, 255) }
```

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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