

Converting Colors

XYZ(51.9219, 74.6981,
104.6124)

Have a look what the booklet for
XYZ(51.9219, 74.6981, 104.6124)
contains.

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Color

**XYZ(51.8324, 74.5027,
104.5771)**

Conversions

Conversions Part 1

Format	Color
Hex	1EF8FD
RGB	30, 248, 253
RGB Percent	12%, 97%, 99%
CMY	0.8822, 0.0274, 0.0078
CMYK	0.88, 0.02, 0.00, 0.01
HSL	181°, 98%, 55%
HSV	181°, 88%, 99%
XYZ	51.8324, 74.5027, 104.5771
YIQ	183.3880, -131.5330, -44.6610

Conversions

Conversions Part 2

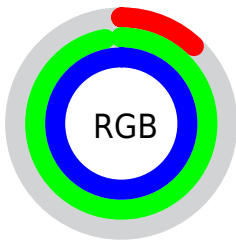
Format	Color
R _Y B	30, 140, 253
Decimal	2029821
CIE Lab	89.16, -44.77, -16.02
CIE LCh	89, 47.554, 199.685
Yxy	74.5027, 0.2245, 0.3226
Android (android.graphics.Color)	4280219901 (0xFF1EF8FD)
YUV	183.3880, 34.3187, -134.5213
Hunter-Lab	86.3149, -43.8613, -11.4139

Details

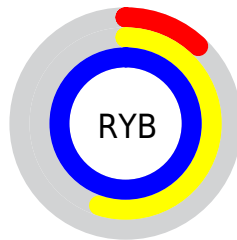
The XYZ color **51.8324, 74.5027, 104.5771** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **41.3452, 22.1805, 3.3324**, and the grayscale version is **45.0976, 47.4462, 51.6689**.

A 20% lighter version of the original color is **62.4142, 83.1756, 107.3727**, and **28.5946, 41.2471, 58.6790** is the 20% darker color. If you saturate the color by 10%, you get **51.1835, 73.9113, 104.4985**, and if you desaturate by 10%, it is **53.0667, 75.3998, 104.6866**.

Distribution



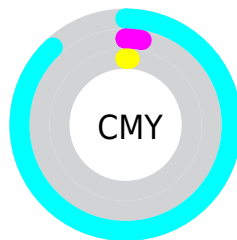
- Red (12%)
- Green (97%)
- Blue (99%)



- Red (12%)
- Yellow (55%)
- Blue (99%)



- Cyan (88%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (88%)
- Magenta (3%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8324, 74.5027, 104.5771 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 51.8324, 74.5027, 104.5771 by changing the saturation by 10% instead.


 51.8324, 74.5027,
104.5771


 51.8324, 74.5027,
104.5771

384.1238,
476.2065, 596.1413

 37.0952, 55.2056,
79.4904


 92.0597, 125.6082,
169.5396


 25.4552, 39.5663,
58.7754


 118.2806,
158.1853, 210.2525

 16.5471, 27.2006,
42.0135

 149.0600,
195.9579, 257.0113

 10.0054, 17.7239,
28.7862

 184.7634,
239.3103, 310.2344

 5.4648, 10.7520,
18.6750

225.7562,
288.6270, 370.3404

 2.5600, 5.9003,
11.2612

272.4036,

 0.9256, 2.7846,

344.2924, 437.7478

6.1265

325.0710,
406.6907, 512.8753

■ 0.0000, 1.0203,
2.8521

■ 0.0000, 0.0000,
1.0196

■ 51.8324, 74.5027,
104.5771

■ 51.8324, 74.5027,
104.5771

■ 51.1835, 73.9113,
104.4985

■ 53.0667, 75.3998,
104.6866

■ 51.0918, 73.8158,
104.4849

■ 55.0099, 76.6616,
104.8277

■ 57.7594, 78.3398,
105.0067

■ 61.3958, 80.4761,
105.2274

65.9900, 83.1068,
105.4931

71.6055, 86.2649,
105.8067

78.3006, 89.9803,
106.1709

86.1290, 94.2807,
106.5884

94.1292, 98.6705,
107.0141

Harmonies

Analogous

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



51.0708, 74.5027, 70.2199



51.8324, 74.5027, 104.5771



57.3495, 74.5027, 140.1728

Triad

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



51.8324, 74.5027, 104.5771



89.2023, 74.5027, 129.8218



74.8788, 74.5027, 33.1337

Complementary

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



51.8324, 74.5027, 104.5771



41.3452, 22.1805, 3.3324

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.



86.2332, 74.5027, 41.5356



51.8324, 74.5027, 104.5771



95.0808, 74.5027, 93.0952

Square

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



51.8324, 74.5027, 104.5771



78.5885, 74.5027, 157.2831



93.9386, 74.5027, 61.4636



63.5673, 74.5027, 34.6417

Rectangle

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



51.8324, 74.5027, 104.5771



63.3533, 74.5027, 156.9102



93.9386, 74.5027, 61.4636



78.8356, 74.5027, 34.7780

Sweetspot

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



51.8347, 74.5055, 104.5789



74.2496, 88.5759, 107.7912



35.9472, 70.6421, 13.2349



15.4252, 18.6981, 23.0460



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.



51.8347, 74.5055, 104.5789



52.0136, 75.1471, 106.3712



27.3259, 25.4878, 96.4093



18.5179, 20.4074, 23.2130



27.1940, 39.2976, 55.5865



2.6584, 3.8476, 5.4158

Inverse Universe

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



57.9175, 28.5905, 91.2758



58.3832, 28.1173, 92.2051



50.9042, 41.2985, 6.5187



18.7741, 18.2929, 22.6933



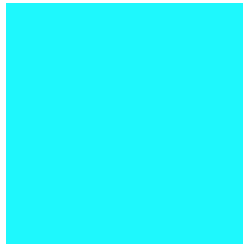
30.5145, 14.6951, 48.2211



2.9765, 1.4330, 4.7235

Previews

White Background



This preview shows how the XYZ color 51.8324, 74.5027, 104.5771 looks on a white background.

Color Contrast Check

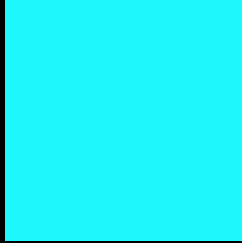
Large Text (above 18pt) WCAG AA × Fail

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 51.8324, 74.5027, 104.5771 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 51.8324, 74.5027, 104.5771

Background



This preview shows how black text looks on a background with the XYZ color 51.8324, 74.5027, 104.5771.



This preview shows how white text looks on a background with the XYZ color 51.8324, 74.5027,

Color Blindness Simulation

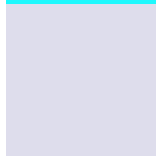
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

51.8324, 74.5027, 104.5771



Protanopia

71.1210, 73.2986, 89.7565



Deuteranopia

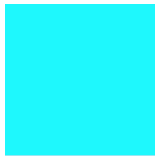
73.9142, 72.8533, 104.7741



Tritanopia

57.9625, 74.0522, 105.8463

Trichromacy



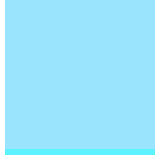
Original Color

51.8324, 74.5027, 104.5771



Protanomaly

57.5518, 70.2380, 94.5284



Deuteranomaly

58.9592, 69.5126, 104.0757



Tritanomaly

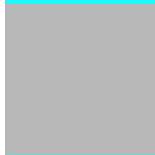
54.3536, 73.5323, 105.0943

Monochromacy



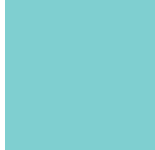
Original Color

51.8324, 74.5027, 104.5771



Achromatopsia

45.0092, 47.3531, 51.5676



Achromatomaly

42.4504, 53.6917, 67.8007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8324, 74.5027, 104.5771 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(30, 248, 253)` looks like.

```
.text, #text, p{  
    color:rgb(30, 248, 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(30, 248, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 248, 253) }
```

Border

The CSS property to change the border of an element to XYZ 51.8324, 74.5027, 104.5771 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(30, 248, 253) }
```


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

```
.border{ border-color:rgb(30, 248, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 248, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 248, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 248, 253);  
box-shadow:4px 4px 4px 4px rgb(30, 248,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8324, 74.5027, 104.5771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 248, 253) }
```

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

```
.background{ background-color: rgb(30, 248,  
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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