

Converting Colors

XYZ(37.9915, 48.6868, 94.9078)

Have a look what the booklet for
XYZ(37.9915, 48.6868, 94.9078)
contains.

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Color

**XYZ(37.9221, 48.6338,
94.5773)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 19C9F6 |
| RGB | 25, 201, 246 |
| RGB Percent | 10%, 79%, 96% |
| CMY | 0.9018, 0.2118, 0.0353 |
| CMYK | 0.90, 0.18, 0.00, 0.04 |
| HSL | 192°, 92%, 53% |
| HSV | 192°, 90%, 96% |
| XYZ | 37.9221, 48.6338, 94.5773 |
| YIQ | 153.5060, -119.3410, -23.3170 |

Conversions

Conversions Part 2

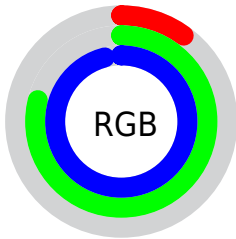
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 25, 123, 246 |
| Decimal | 1690102 |
| CIE Lab | 75.22, -25.11, -33.55 |
| CIE LCh | 75, 41.904, 233.182 |
| Yxy | 48.6338, 0.2094, 0.2685 |
| Android (android.graphics.Color) | 4279880182 (0xFF19C9F6) |
| YUV | 153.5060, 45.5995, -112.6998 |
| Hunter-Lab | 69.7379, -24.9767, -31.5914 |

Details

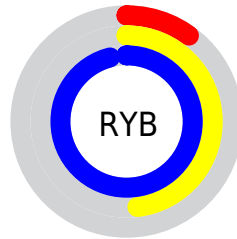
The XYZ color **37.9221, 48.6338, 94.5773** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **40.3746, 24.0479, 3.4354**, and the grayscale version is **30.3485, 31.9290, 34.7707**.

A 20% lighter version of the original color is **61.1461, 82.5219, 107.3133**, and **19.7280, 24.5851, 52.4208** is the 20% darker color. If you saturate the color by 10%, you get **36.3785, 46.1333, 94.1770**, and if you desaturate by 10%, it is **40.0065, 51.4713, 95.0161**.

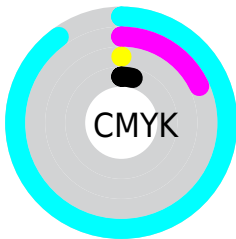
Distribution



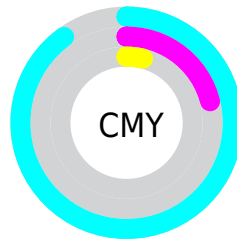
- Red (10%)
- Green (79%)
- Blue (96%)



- Red (10%)
- Yellow (48%)
- Blue (96%)



- Cyan (90%)
- Magenta (18%)
- Yellow (0%)
- Black (4%)




- Cyan (90%)
- Magenta (21%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9221, 48.6338, 94.5773 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 37.9221, 48.6338, 94.5773 by changing the saturation by 10% instead.


 37.9221, 48.6338,
94.5773


 37.9221, 48.6338,
94.5773


328.5723,
381.2989, 563.7606

 26.0992, 34.3291,
71.1883


 71.2934, 88.1473,
155.6711


 17.0309, 23.1465,
52.0131


 93.5725, 114.1249,
194.2128


 10.3520, 14.7017,
36.6332


 120.0676,
144.7622, 238.6426

 5.6970, 8.6103,
24.6301

 151.1442,
180.4437, 289.3790

 2.7006, 4.4879,
15.5851

 187.1677,
221.5537, 346.8404

 0.9975, 1.9501,
9.0799

228.5033,

 0.0000, 0.5782,

268.4767, 411.4455

4.6958

275.5164,
321.5969, 483.6127

■ 0.0000, 0.0000,
2.0143

■ 0.0000, 0.0000,
0.5641

■ 37.9221, 48.6338,
94.5773

■ 37.9221, 48.6338,
94.5773

■ 36.3785, 46.1333,
94.1770

■ 40.0065, 51.4713,
95.0161

■ 36.3531, 46.0906,
94.1701

■ 42.7767, 54.7185,
95.4969

■ 46.3264, 58.4252,
96.0253

■ 50.7330, 62.6318,
96.6049

■ 56.0642, 67.3736,
97.2392

■ 62.3809, 72.6825,
97.9310

■ 69.7383, 78.5876,
98.6830

■ 78.1878, 85.1157,
99.4977

■ 87.7771, 92.2919,
100.3775

Harmonies

Analogous

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



33.9270, 48.6338, 71.4238



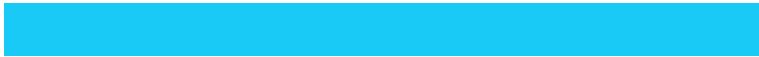
37.9221, 48.6338, 94.5773



44.4926, 48.6338, 107.0773

Triad

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



37.9221, 48.6338, 94.5773



62.5066, 48.6338, 58.1391



40.6480, 48.6338, 22.7975

Complementary

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



37.9221, 48.6338, 94.5773



40.3746, 24.0479, 3.4354

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.



48.0017, 48.6338, 21.0656



37.9221, 48.6338, 94.5773



61.1847, 48.6338, 37.9790

Square

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



37.9221, 48.6338, 94.5773



59.0939, 48.6338, 82.5833



55.6591, 48.6338, 25.7840



35.3747, 48.6338, 31.4239

Rectangle

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



37.9221, 48.6338, 94.5773



49.6777, 48.6338, 105.7778



55.6591, 48.6338, 25.7840



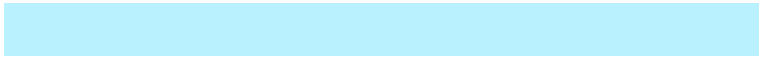
42.9360, 48.6338, 21.5100

Sweetspot

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



37.9237, 48.6355, 94.5785



69.7853, 80.5761, 106.4824



34.4392, 66.5519, 16.6982



14.3856, 16.7964, 22.7338



0.0000, 0.0000, 0.0000



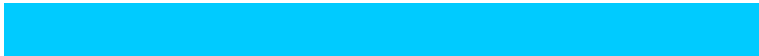
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37.9237, 48.6355, 94.5785



39.4226, 49.9652, 102.1742



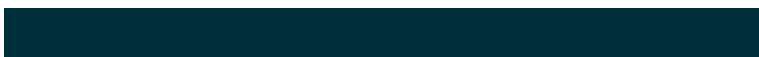
20.8054, 14.3989, 88.8724



16.6934, 18.1510, 21.1662



19.5067, 24.8072, 50.2982



1.7852, 2.3218, 4.4443

Inverse Universe

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



48.8977, 24.5070, 57.4130



52.0279, 25.5752, 58.7383



54.4454, 52.1895, 8.1257



17.0606, 16.7071, 20.0654



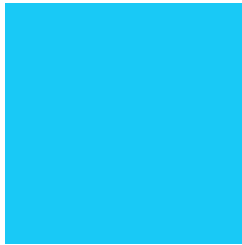
25.6506, 12.6037, 29.1981



2.2901, 1.1220, 2.7542

Previews

White Background



This preview shows how the XYZ color 37.9221, 48.6338, 94.5773 looks on a white background.

Color Contrast Check

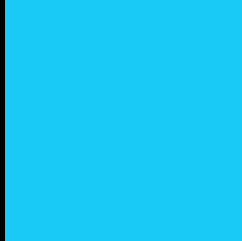
Large Text (above 18pt) WCAG AA × Fail

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 37.9221, 48.6338, 94.5773 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 37.9221, 48.6338, 94.5773

Background



This preview shows how black text looks on a background with the XYZ color 37.9221, 48.6338, 94.5773.



This preview shows how white text looks on a background with the XYZ color 37.9221, 48.6338,

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

37.9221, 48.6338, 94.5773

Protanopia

48.0880, 47.9400, 83.0628

Deuteranopia

49.2463, 47.9053, 97.9179



Tritanopia

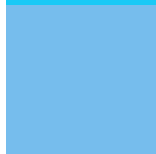
34.5111, 48.3530, 75.2243

Trichromacy



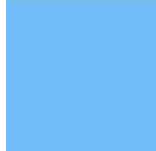
Original Color

37.9221, 48.6338, 94.5773



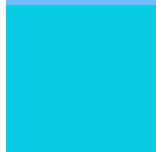
Protanomaly

40.9549, 46.3612, 86.9108



Deuteranomaly

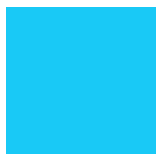
41.8922, 46.3167, 96.3546



Tritanomaly

35.6115, 48.4271, 81.5992

Monochromacy



Original Color

37.9221, 48.6338, 94.5773



Achromatopsia

30.7148, 32.3143, 35.1903



Achromatomaly

29.5960, 35.8395, 52.3715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9221, 48.6338, 94.5773 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(25, 201, 246)` looks like.

```
.text, #text, p{  
    color:rgb(25, 201, 246)  
}
```

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(25, 201, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 201, 246) }
```

Border

The CSS property to change the border of an element to XYZ 37.9221, 48.6338, 94.5773 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(25, 201, 246) }
```


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

```
.border{ border-color:rgb(25, 201, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 201, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 201, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 201, 246);  
box-shadow:4px 4px 4px 4px rgb(25, 201,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9221, 48.6338, 94.5773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 201, 246) }
```

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

```
.background{ background-color: rgb(25, 201,  
246) }
```

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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