

Converting Colors

XYZ(35.3041, 38.1994, 97.3554)

Have a look what the booklet for
XYZ(35.3041, 38.1994, 97.3554)
contains.

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Color

**XYZ(35.3037, 38.0698,
97.5830)**

Conversions

Conversions Part 1

Format	Color
Hex	4CACFC
RGB	76, 172, 252
RGB Percent	30%, 67%, 99%
CMY	0.7019, 0.3255, 0.0118
CMYK	0.70, 0.32, 0.00, 0.01
HSL	207°, 97%, 64%
HSV	207°, 70%, 99%
XYZ	35.3037, 38.0698, 97.5830
YIQ	152.4160, -82.8960, 4.5280

Conversions

Conversions Part 2

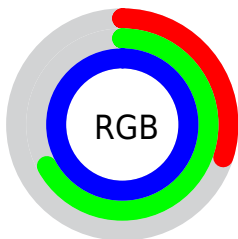
Format	Color
R _Y B	76, 138, 252
Decimal	5025020
CIE Lab	68.07, -2.96, -47.88
CIE LCh	68, 47.967, 266.458
Yxy	38.0698, 0.2065, 0.2227
Android (android.graphics.Color)	4283215100 (0xFF4CACFC)
YUV	152.4160, 49.0949, -67.0168
Hunter-Lab	61.7007, -5.8428, -50.5798

Details

The XYZ color **35.3037, 38.0698, 97.5830** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **53.3404, 44.9981, 12.7137**, and the grayscale version is **29.8466, 31.4010, 34.1957**.

A 20% lighter version of the original color is **56.8468, 67.9978, 104.7365**, and **16.5668, 17.3731, 54.1099** is the 20% darker color. If you saturate the color by 10%, you get **31.5924, 33.0589, 96.8122**, and if you desaturate by 10%, it is **39.9893, 43.8631, 98.4551**.

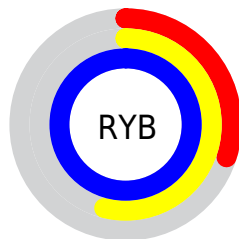
Distribution



Red (30%)

Green (67%)

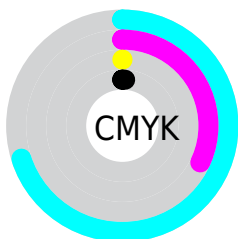
Blue (99%)



Red (30%)

Yellow (54%)

Blue (99%)

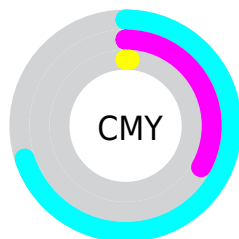


Cyan (70%)

Magenta (32%)

Yellow (0%)

Black (1%)



Cyan (70%)

Magenta (33%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3037, 38.0698, 97.5830 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 35.3037, 38.0698, 97.5830 by changing the saturation by 10% instead.

■ 35.3037, 38.0698,
97.5830

■ 35.3037, 38.0698,
97.5830

317.3914,
337.9193, 573.5958

■ 24.0645, 26.0369,
73.6779

■ 67.2869, 72.2151,
159.8545

■ 15.5065, 16.8512,
54.0353

■ 88.7616, 95.0963,
199.0580

■ 9.2642, 10.1285,
38.2365

■ 114.3790,
122.3623, 244.1980

■ 4.9724, 5.4842,
25.8631

■ 144.5042,
154.3976, 295.6932

■ 2.2657, 2.5341,
16.4964

179.5027,
191.5866, 353.9620

■ 0.7770, 0.8936,
9.7179

219.7398,

■ 0.0000, 0.0000,

234.3136, 419.4230

5.1092

265.5809,
282.9630, 492.4948

■ 0.0000, 0.0000,
2.2516

■ 0.0000, 0.0000,
0.7039

■ 35.3037, 38.0698,
97.5830

■ 35.3037, 38.0698,
97.5830

■ 31.5924, 33.0589,
96.8122

■ 39.9893, 43.8631,
98.4551

■ 28.7489, 28.7668,
96.1336

■ 45.7313, 50.4862,
99.4308

■ 26.6124, 25.1038,
95.5392

■ 52.6070, 57.9860,
100.5160

■ 26.5806, 25.0477,
95.5300

■ 60.6849, 66.4041,
101.7151

■ 70.0274, 75.7789,
103.0323

■ 80.6926, 86.1462,
104.4712

■ 92.7346, 97.5397,
106.0357

■ 94.5708, 99.8083,
106.3768

Harmonies

Analogous

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



28.8113, 38.0698, 86.0797



35.3037, 38.0698, 97.5830



42.9710, 38.0698, 90.2847

Triad

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



35.3037, 38.0698, 97.5830



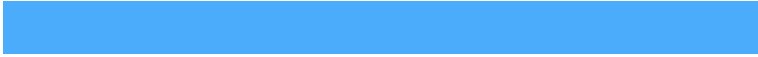
50.6326, 38.0698, 25.6875



25.4808, 38.0698, 22.6177

Complementary

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



35.3037, 38.0698, 97.5830



53.3404, 44.9981, 12.7137

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.



30.1525, 38.0698, 14.4472



35.3037, 38.0698, 97.5830



44.7185, 38.0698, 15.7432

Square

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



35.3037, 38.0698, 97.5830



52.5036, 38.0698, 44.0463



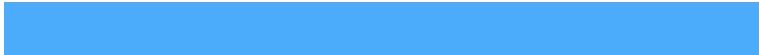
37.0792, 38.0698, 12.4512



23.6542, 38.0698, 38.9607

Rectangle

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



35.3037, 38.0698, 97.5830



47.6309, 38.0698, 76.7535



37.0792, 38.0698, 12.4512



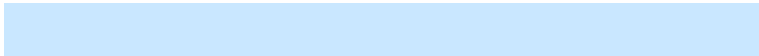
26.7361, 38.0698, 19.0745

Sweetspot

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



35.3051, 38.0711, 97.5840



70.7388, 76.6605, 105.6764



43.7259, 73.5319, 42.9899



14.5543, 15.8245, 22.5373



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.



35.3051, 38.0711, 97.5840



31.1206, 32.0156, 99.1471



23.7859, 15.0326, 93.7442



17.0676, 18.2121, 22.0010



13.9954, 13.3463, 49.8120



1.4022, 1.4480, 4.6488

Inverse Universe

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



50.1771, 28.8447, 41.9536



48.1659, 25.2880, 34.5242



73.5611, 85.4395, 19.4539



17.6407, 17.3836, 19.9636



23.3562, 11.7582, 13.8503



2.2167, 1.1104, 1.5644

Previews

White Background



This preview shows how the XYZ color 35.3037, 38.0698, 97.5830 looks on a white background.

Color Contrast Check

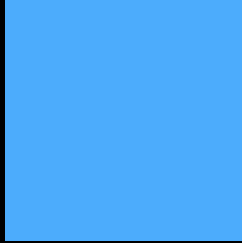
Large Text (above 18pt) WCAG AA × Fail

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 35.3037, 38.0698, 97.5830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

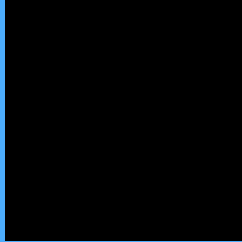
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

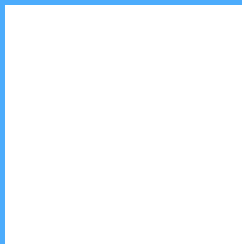
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 35.3037, 38.0698, 97.5830

Background



This preview shows how black text looks on a background with the XYZ color 35.3037, 38.0698, 97.5830.



This preview shows how white text looks on a background with the XYZ color 35.3037, 38.0698,

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

35.3037, 38.0698, 97.5830

Protanopia

39.5660, 37.6907, 90.7776

Deuteranopia

38.9106, 37.6997, 98.9919



Tritanopia

27.6387, 38.2215, 58.7441

Trichromacy



Original Color

35.3037, 38.0698, 97.5830

Protanomaly

37.4950, 37.6327, 93.2833

Deuteranomaly

37.2573, 37.6723, 98.2363

Tritanomaly

29.9111, 37.9029, 71.3852

Monochromacy



Original Color

35.3037, 38.0698, 97.5830

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

29.7874, 32.7122, 52.3211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3037, 38.0698, 97.5830 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(76, 172, 252)` looks like.

```
.text, #text, p{  
    color:rgb(76, 172, 252)  
}
```

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(76, 172, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 172, 252) }
```

Border

The CSS property to change the border of an element to XYZ 35.3037, 38.0698, 97.5830 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(76, 172, 252) }
```


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

```
.border{ border-color:rgb(76, 172, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 172, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 172, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 172, 252);  
box-shadow:4px 4px 4px 4px rgb(76, 172,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3037, 38.0698, 97.5830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 172, 252) }
```

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

```
.background{ background-color: rgb(76, 172,  
252) }
```

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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