

Converting Colors

XYZ(37.1975, 37.7388, 67.9804)

Have a look what the booklet for
XYZ(37.1975, 37.7388, 67.9804)
contains.

XYZ(37.3194, 37.8254, 68.2849)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(37.3194, 37.8254,
68.2849)**

Conversions

Conversions Part 1

Format	Color
Hex	92A5D5
RGB	146, 165, 213
RGB Percent	57%, 65%, 84%
CMY	0.4274, 0.3529, 0.1647
CMYK	0.31, 0.23, 0.00, 0.16
HSL	223°, 44%, 70%
HSV	223°, 31%, 84%
XYZ	37.3194, 37.8254, 68.2849
YIQ	164.7910, -26.7320, 10.9000

Conversions

Conversions Part 2

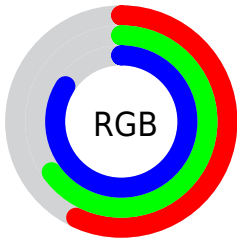
Format	Color
RYB	146, 161, 213
Decimal	9610709
CIELab	67.89, 4.53, -26.55
CIElCh	68, 26.935, 279.677
Yxy	37.8254, 0.2602, 0.2637
Android (android.graphics.Color)	4287800789 (0xFF92A5D5)
YUV	164.7910, 23.7670, -16.4797
Hunter-Lab	61.5024, 0.6840, -22.7769

Details

The XYZ color **37.3194, 37.8254, 68.2849** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **51.9212, 54.8053, 35.0371**, and the grayscale version is **35.5641, 37.4162, 40.7462**.

A 20% lighter version of the original color is **67.7306, 70.8239, 104.7083**, and **16.5909, 16.6060, 34.6786** is the 20% darker color. If you saturate the color by 10%, you get **31.2900, 30.8729, 67.2614**, and if you desaturate by 10%, it is **44.3851, 45.8014, 69.4527**.

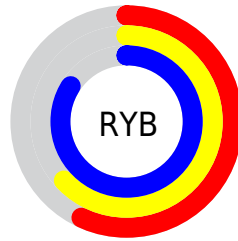
Distribution



Red (57%)

Green (65%)

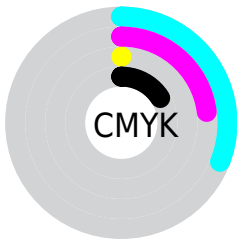
Blue (84%)



Red (57%)

Yellow (63%)

Blue (84%)

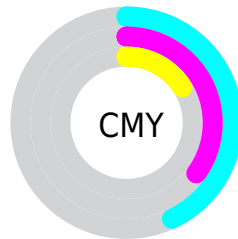


Cyan (31%)

Magenta (23%)

Yellow (0%)

Black (16%)



Cyan (43%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.3194, 37.8254, 68.2849 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 37.3194, 37.8254, 68.2849 by changing the saturation by 10% instead.

■ 37.3194, 37.8254,
68.2849

■ 37.3194, 37.8254,
68.2849

326.0229,
336.8704, 473.1302

■ 25.6297, 25.8472,
49.6614

■ 70.3744, 71.8404,
118.4177

■ 16.6780, 16.7094,
34.7751

■ 92.4704, 94.6461,
150.7641

■ 10.0991, 10.0275,
23.2076

118.7659,
121.8297, 188.5218

■ 5.5275, 5.4172,
14.5401

149.6262,
153.7756, 232.1095

■ 2.5979, 2.4941,
8.3542

185.4167,
190.8682, 281.9456

■ 0.9449, 0.8737,
4.2314

226.5027,

■ 0.0000, 0.0000,

233.4919, 338.4488

1.7531

273.2497,
282.0312, 402.0375

■ 0.0000, 0.0000,
0.3968

■ 0.0000, 0.0000,
0.0000

■ 37.3194, 37.8254,
68.2849

■ 37.3194, 37.8254,
68.2849

■ 31.2900, 30.8729,
67.2614

■ 44.3851, 45.8014,
69.4527

■ 26.2424, 24.8961,
66.3738

■ 52.5305, 54.8369,
70.7674

■ 22.1226, 19.8499,
65.6169

■ 61.8011, 64.9716,
72.2350

■ 18.8696, 15.6838,
64.9842

■ 72.2384, 76.2418,
73.8602

■ 16.4142, 12.3414,
64.4685

■ 83.8819, 88.6821,
75.6478

■ 14.6757, 9.7588,
64.0616

■ 89.0104, 97.5841,
77.0957

■ 13.6477, 8.0787,
63.7915

Harmonies

Analogous

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



33.2332, 37.8254, 66.7489



37.3194, 37.8254, 68.2849



41.3291, 37.8254, 61.5533

Triad

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



37.3194, 37.8254, 68.2849



42.4965, 37.8254, 28.1726



28.9321, 37.8254, 33.7001

Complementary

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



37.3194, 37.8254, 68.2849



51.9212, 54.8053, 35.0371

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.



31.0626, 37.8254, 25.8937



37.3194, 37.8254, 68.2849



38.8149, 37.8254, 23.1576

Square

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



37.3194, 37.8254, 68.2849



44.4673, 37.8254, 37.4375



34.6182, 37.8254, 22.4131



28.5996, 37.8254, 45.1755

Rectangle

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



37.3194, 37.8254, 68.2849



43.3422, 37.8254, 53.9281



34.6182, 37.8254, 22.4131



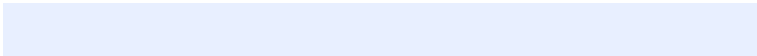
29.4534, 37.8254, 30.6270

Sweetspot

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



37.3206, 37.8269, 68.2858



82.0824, 85.8591, 106.8540



45.2637, 57.5461, 59.1163



17.1489, 17.9160, 22.8042



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.



37.3206, 37.8269, 68.2858



49.6410, 49.4408, 101.5344



36.6676, 32.7748, 67.3451



12.0266, 12.5765, 15.7312



8.4120, 5.0857, 38.9914



0.5776, 0.4471, 2.3752

Inverse Universe

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



44.5120, 37.4216, 40.4760



62.3024, 49.2752, 52.4485



52.6961, 61.8890, 36.3636



12.5666, 12.4781, 13.6580



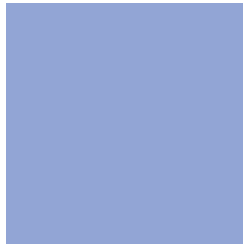
17.3048, 8.8583, 3.6434



1.0792, 0.5485, 0.4063

Previews

White Background



This preview shows how the XYZ color 37.3194, 37.8254, 68.2849 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 37.3194, 37.8254, 68.2849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

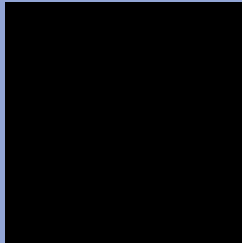
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.3194, 37.8254, 68.2849

Background



This preview shows how black text looks on a background with the XYZ color 37.3194, 37.8254, 68.2849.



This preview shows how white text looks on a background with the XYZ color 37.3194, 37.8254,

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

37.3194, 37.8254, 68.2849

Protanopia

38.1177, 37.7202, 67.5591

Deuteranopia

38.5755, 37.6643, 68.8551



Tritanopia

33.8417, 37.7856, 50.8571

Trichromacy



Original Color

37.3194, 37.8254, 68.2849

Protanomaly

37.7368, 37.7884, 67.5923

Deuteranomaly

38.1837, 37.7248, 68.8875

Tritanomaly

35.0083, 37.6962, 57.0607

Monochromacy



Original Color

37.3194, 37.8254, 68.2849

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9992, 37.5568, 49.6078

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3194, 37.8254, 68.2849 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(146, 165, 213) looks like.

```
.text, #text, p{  
    color:rgb(146, 165, 213)  
}
```

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(146, 165, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 165, 213) }
```

Border

The CSS property to change the border of an element to XYZ 37.3194, 37.8254, 68.2849 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(146, 165, 213) }
```


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

```
.border{ border-color:rgb(146, 165, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 165, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 165, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 165, 213);  
box-shadow:4px 4px 4px 4px rgb(146, 165,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3194, 37.8254, 68.2849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 165, 213) }
```

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

```
.background{ background-color: rgb(146,  
165, 213) }
```

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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