

Converting Colors

XYZ(37.5898, 37.3921, 57.3261)

Have a look what the booklet for
XYZ(37.5898, 37.3921, 57.3261)
contains.

XYZ(37.5821, 37.4033, 57.4633)	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(37.5821, 37.4033,
57.4633)**

Conversions

Conversions Part 1

Format	Color
Hex	A1A2C4
RGB	161, 162, 196
RGB Percent	63%, 64%, 77%
CMY	0.3686, 0.3647, 0.2314
CMYK	0.18, 0.17, 0.00, 0.23
HSL	238°, 23%, 70%
HSV	238°, 18%, 77%
XYZ	37.5821, 37.4033, 57.4633
YIQ	165.5770, -11.5100, 10.3620

Conversions

Conversions Part 2

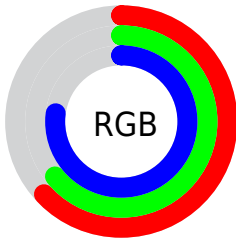
Format	Color
RYB	161, 162, 196
Decimal	10592964
CIELab	67.58, 6.73, -17.52
CIELCh	68, 18.773, 291.024
Yxy	37.4033, 0.2837, 0.2824
Android (android.graphics.Color)	4288783044 (0xFFA1A2C4)
YUV	165.5770, 14.9985, -4.0140
Hunter-Lab	61.1582, 2.6624, -12.8972

Details

The XYZ color **37.5821, 37.4033, 57.4633** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.7133, 53.3390, 41.4471**, and the grayscale version is **35.9765, 37.8500, 41.2187**.

A 20% lighter version of the original color is **70.8614, 71.3165, 102.9592**, and **16.7651, 16.3561, 27.8646** is the 20% darker color. If you saturate the color by 10%, you get **30.8341, 29.3179, 56.2589**, and if you desaturate by 10%, it is **45.4594, 46.8265, 58.8676**.

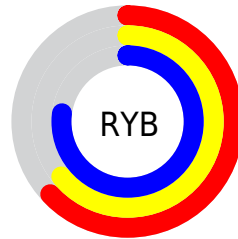
Distribution



Red (63%)

Green (64%)

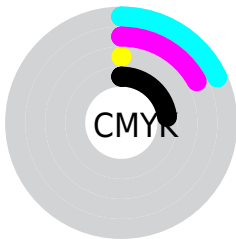
Blue (77%)



Red (63%)

Yellow (64%)

Blue (77%)

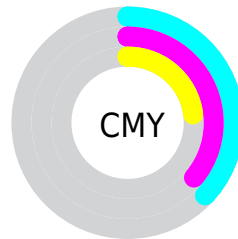


Cyan (18%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (37%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.5821, 37.4033, 57.4633 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 37.5821, 37.4033, 57.4633 by changing the saturation by 10% instead.

■ 37.5821, 37.4033,
57.4633

■ 37.5821, 37.4033,
57.4633

327.1358,
335.0533, 432.7254

■ 25.8342, 25.5199,
40.9655

■ 70.7752, 71.1926,
102.6479

■ 16.8317, 16.4648,
27.9726

■ 92.9511, 93.8673,
132.1718

■ 10.2091, 9.8537,
18.0662

119.3338,
120.9080, 166.8748

■ 5.6012, 5.3020,
10.8276

150.2886,
152.6989, 207.1755

■ 2.6425, 2.4256,
5.8383

186.1808,
189.6245, 253.4923

■ 0.9676, 0.8390,
2.6798

227.3759,

■ 0.0000, 0.0000,

232.0691, 306.2439

0.9332

274.2391,
280.4173, 365.8487

■ 0.0000, 0.0000,
0.0000

■ 37.5821, 37.4033,
57.4633

■ 37.5821, 37.4033,
57.4633

■ 30.8341, 29.3179,
56.2589

■ 45.4594, 46.8265,
58.8676

■ 25.1603, 22.5054,
55.2430

■ 54.5106, 57.6393,
60.4776

■ 20.5063, 16.9022,
54.4068

■ 64.7824, 69.8966,
62.3021

■ 16.8118, 12.4377,
53.7398

■ 76.3177, 83.6488,
64.3486

■ 14.0097, 9.0339,
53.2305

■ 86.9639, 96.7656,
66.3193

■ 12.0246, 6.6030,
52.8659

■ 10.7687, 5.0429,
52.6309

■ 10.1217, 4.2231,
52.5068

■ 10.0248, 4.1074,
52.4896

Harmonies

Analogous

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



34.6906, 37.4033, 58.5579



37.5821, 37.4033, 57.4633



40.0488, 37.4033, 51.5805

Triad

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



37.5821, 37.4033, 57.4633



39.1624, 37.4033, 29.5627



30.3387, 37.4033, 38.2925

Complementary

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



37.5821, 37.4033, 57.4633



48.7133, 53.3390, 41.4471

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.



31.4027, 37.4033, 31.5120



37.5821, 37.4033, 57.4633



36.4249, 37.4033, 26.9401

Square

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



37.5821, 37.4033, 57.4633



40.9950, 37.4033, 35.2782



33.5939, 37.4033, 27.6019



30.6112, 37.4033, 46.7072

Rectangle

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



37.5821, 37.4033, 57.4633



41.0697, 37.4033, 46.1240



33.5939, 37.4033, 27.6019



30.5497, 37.4033, 35.7662

Sweetspot

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



37.5833, 37.4048, 57.4641



86.6893, 90.0125, 107.4129



44.2701, 50.9902, 59.0404



18.3132, 18.9773, 22.9477



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.



37.5833, 37.4048, 57.4641



63.6104, 62.4037, 103.3002



40.9170, 38.8625, 57.5698



9.5509, 9.7931, 12.6717



6.4521, 2.6607, 33.7301



0.2869, 0.1312, 1.4601

Inverse Universe

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



42.0323, 39.8351, 39.6578



73.0091, 67.5544, 65.6804



44.9186, 51.7171, 41.3341



10.0846, 10.0825, 10.5362



14.6527, 7.5508, 0.8172



0.6372, 0.3279, 0.0570

Previews

White Background



This preview shows how the XYZ color 37.5821, 37.4033, 57.4633 looks on a white background.

Color Contrast Check

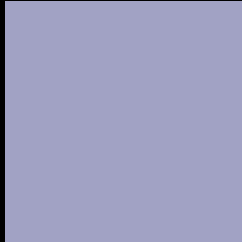
Large Text (above 18pt) WCAG AA × Fail

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 37.5821, 37.4033, 57.4633 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 37.5821, 37.4033, 57.4633

Background



This preview shows how black text looks on a background with the XYZ color 37.5821, 37.4033, 57.4633.



This preview shows how white text looks on a background with the XYZ color 37.5821, 37.4033,

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

37.5821, 37.4033, 57.4633

Protanopia

37.0799, 37.3937, 58.0867

Deuteranopia

38.2257, 37.4746, 57.4432



Tritanopia

35.5916, 37.3937, 47.4613

Trichromacy



Original Color

37.5821, 37.4033, 57.4633

Protanomaly

37.2758, 37.4947, 58.0959

Deuteranomaly

38.0185, 37.3678, 57.4335

Tritanomaly

36.3305, 37.4246, 51.2078

Monochromacy



Original Color

37.5821, 37.4033, 57.4633

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.7008, 37.9771, 46.9909

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.5821, 37.4033, 57.4633 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(161, 162, 196)` looks like.

```
.text, #text, p{  
    color:rgb(161, 162, 196)  
}
```

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(161, 162, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 162, 196) }
```

Border

The CSS property to change the border of an element to XYZ 37.5821, 37.4033, 57.4633 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(161, 162, 196) }
```


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

```
.border{ border-color:rgb(161, 162, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 162, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 162, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 162, 196);  
box-shadow:4px 4px 4px 4px rgb(161, 162,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 37.5821, 37.4033, 57.4633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 162, 196) }
```

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

```
.background{ background-color: rgb(161,  
162, 196) }
```

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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