

Converting Colors

XYZ(37.5468, 37.6692, 58.4025)

Have a look what the booklet for
XYZ(37.5468, 37.6692, 58.4025)
contains.

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Color

**XYZ(37.4733, 37.5965,
58.1051)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA3C5
RGB	159, 163, 197
RGB Percent	62%, 64%, 77%
CMY	0.3765, 0.3608, 0.2274
CMYK	0.19, 0.17, 0.00, 0.23
HSL	234°, 25%, 70%
HSV	234°, 19%, 77%
XYZ	37.4733, 37.5965, 58.1051
YIQ	165.6800, -13.2980, 9.7260

Conversions

Conversions Part 2

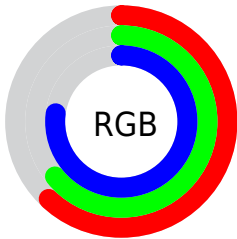
Format	Color
R_{YB}	159, 163, 197
Decimal	10462149
CIE _{Lab}	67.72, 5.76, -17.88
CIE _{LCh}	68, 18.781, 287.864
Yxy	37.5965, 0.2814, 0.2823
Android (android.graphics.Color)	4288652229 (0xFF9FA3C5)
YUV	165.6800, 15.4408, -5.8584
Hunter-Lab	61.3160, 1.7874, -13.2640

Details

The XYZ color **37.4733, 37.5965, 58.1051** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.3543, 52.5135, 40.3894**, and the grayscale version is **36.0245, 37.9006, 41.2737**.

A 20% lighter version of the original color is **70.6924, 71.5947, 103.8592**, and **16.7058, 16.4778, 28.2867** is the 20% darker color. If you saturate the color by 10%, you get **30.9594, 29.9127, 56.9659**, and if you desaturate by 10%, it is **45.0484, 46.4766, 59.4205**.

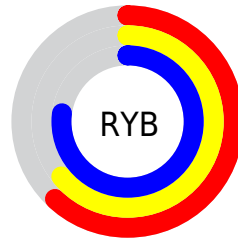
Distribution



Red (62%)

Green (64%)

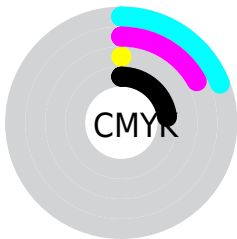
Blue (77%)



Red (62%)

Yellow (64%)

Blue (77%)

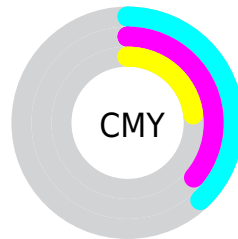


Cyan (19%)

Magenta (17%)

Yellow (0%)

Black (23%)



Cyan (38%)

Magenta (36%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.4733, 37.5965, 58.1051 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 37.4733, 37.5965, 58.1051 by changing the saturation by 10% instead.

■ 37.4733, 37.5965,
58.1051

■ 37.4733, 37.5965,
58.1051

326.6752,
335.8859, 435.1866

■ 25.7495, 25.6697,
41.4779

■ 70.6092, 71.4893,
103.5922

■ 16.7680, 16.5767,
28.3702

■ 92.7521, 94.2240,
133.2891

■ 10.1635, 9.9331,
18.3634

119.0987,
121.3301, 168.1797

■ 5.5706, 5.3546,
11.0391

150.0144,
153.1921, 208.6826

■ 2.6239, 2.4568,
5.9786

185.8645,
190.1942, 255.2161

■ 0.9582, 0.8549,
2.7635

227.0145,

■ 0.0000, 0.0000,

232.7210, 308.1990

0.9752

273.8296,
281.1567, 368.0496

■ 0.0000, 0.0000,
0.0000

■ 37.4733, 37.5965,
58.1051

■ 37.4733, 37.5965,
58.1051

■ 30.9594, 29.9127,
56.9659

■ 45.0484, 46.4766,
59.4205

■ 25.4557, 23.3697,
55.9931

■ 53.7254, 56.5965,
60.9165

■ 20.9124, 17.9142,
55.1795

■ 63.5475, 68.0030,
62.6005

■ 17.2742, 13.4869,
54.5167

■ 74.5542, 80.7390,
64.4787

■ 14.4797, 10.0229,
53.9954

■ 85.8565, 94.3679,
66.5136

■ 12.4602, 7.4496,
53.6051

■ 87.0782, 96.8113,
66.9209

■ 11.1358, 5.6842,
53.3342

■ 10.3826, 4.6141,
53.1673

■ 10.3417, 4.5583,
53.1587

Harmonies

Analogous

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



34.5742, 37.5965, 58.6287



37.4733, 37.5965, 58.1051



40.0333, 37.5965, 52.6188

Triad

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



37.4733, 37.5965, 58.1051



39.6095, 37.5965, 30.1938



30.5527, 37.5965, 37.6682

Complementary

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



37.4733, 37.5965, 58.1051



48.3543, 52.5135, 40.3894

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.



31.7547, 37.5965, 31.1250



37.4733, 37.5965, 58.1051



36.9201, 37.5965, 27.2177

Square

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



37.4733, 37.5965, 58.1051



41.3119, 37.5965, 36.2277



34.0500, 37.5965, 27.5338



30.6829, 37.5965, 46.0360

Rectangle

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



37.4733, 37.5965, 58.1051



41.1554, 37.5965, 47.2568



34.0500, 37.5965, 27.5338



30.8115, 37.5965, 35.2059

Sweetspot

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



37.4745, 37.5980, 58.1059



85.4309, 88.7877, 107.2428



43.8425, 51.1351, 57.7590



18.0713, 18.7538, 22.9173



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.



37.4745, 37.5980, 58.1059



62.1503, 61.4911, 103.2010



39.8362, 37.7774, 58.0161



10.1451, 10.4642, 13.4026



6.8321, 3.0582, 34.9746



0.3547, 0.2072, 1.6664

Inverse Universe

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



42.0359, 39.3119, 40.0244



71.7820, 65.1872, 65.0032



45.6189, 52.4343, 40.5183



10.6785, 10.6548, 11.2903



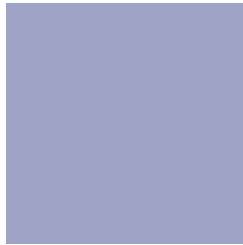
15.2479, 7.8487, 1.2492



0.7377, 0.3779, 0.1420

Previews

White Background



This preview shows how the XYZ color 37.4733, 37.5965, 58.1051 looks on a white background.

Color Contrast Check

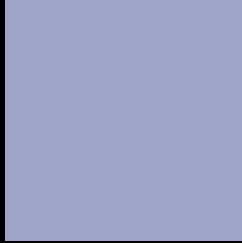
Large Text (above 18pt) WCAG AA × Fail

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 37.4733, 37.5965, 58.1051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

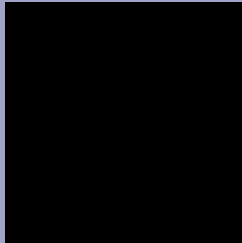
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.4733, 37.5965, 58.1051

Background



This preview shows how black text looks on a background with the XYZ color 37.4733, 37.5965, 58.1051.



This preview shows how white text looks on a background with the XYZ color 37.4733, 37.5965,

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

37.4733, 37.5965, 58.1051

Protanopia

37.2758, 37.4947, 58.0959

Deuteranopia

38.3400, 37.5203, 58.0447



Tritanopia

35.4832, 37.5950, 48.0342

Trichromacy



Original Color

37.4733, 37.5965, 58.1051

Protanomaly

37.2758, 37.4947, 58.0959

Deuteranomaly

38.1026, 37.6584, 58.0839

Tritanomaly

36.2227, 37.6235, 51.8073

Monochromacy



Original Color

37.4733, 37.5965, 58.1051

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.4952, 37.8711, 46.9813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.4733, 37.5965, 58.1051 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(159, 163, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 163, 197)  
}
```

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(159, 163, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 163, 197) }
```

Border

The CSS property to change the border of an element to XYZ 37.4733, 37.5965, 58.1051 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(159, 163, 197) }
```


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

```
.border{ border-color:rgb(159, 163, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 163, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 163, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 163, 197);  
box-shadow:4px 4px 4px 4px rgb(159, 163,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 37.4733, 37.5965, 58.1051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 163, 197) }
```

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

```
.background{ background-color: rgb(159,  
163, 197) }
```

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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