

Converting Colors

XYZ(36.5463, 38.8165, 58.6808)

Have a look what the booklet for
XYZ(36.5463, 38.8165, 58.6808)
contains.

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Color

**XYZ(36.4788, 38.7031,
58.3711)**

Conversions

Conversions Part 1

Format	Color
Hex	94A9C5
RGB	148, 169, 197
RGB Percent	58%, 66%, 77%
CMY	0.4196, 0.3372, 0.2274
CMYK	0.25, 0.14, 0.00, 0.23
HSL	214°, 30%, 68%
HSV	214°, 25%, 77%
XYZ	36.4788, 38.7031, 58.3711
YIQ	165.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

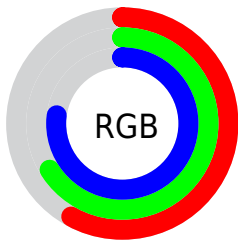
Format	Color
R_{YB}	148, 163, 197
Decimal	9742789
CIE _{Lab}	68.54, -1.02, -16.72
CIE _{LCh}	69, 16.751, 266.517
Yxy	38.7031, 0.2731, 0.2898
Android (android.graphics.Color)	4287932869 (0xFF94A9C5)
YUV	165.9130, 15.3259, -15.7097
Hunter-Lab	62.2118, -4.2046, -12.0814

Details

The XYZ color **36.4788, 38.7031, 58.3711** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.8971, 45.0594, 34.4017**, and the grayscale version is **36.1403, 38.0224, 41.4064**.

A 20% lighter version of the original color is **69.1736, 73.1636, 104.2421**, and **16.1431, 17.1925, 28.4543** is the 20% darker color. If you saturate the color by 10%, you get **31.2096, 33.0114, 57.5509**, and if you desaturate by 10%, it is **42.5372, 45.0711, 59.2816**.

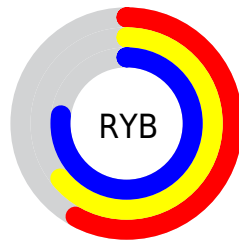
Distribution



Red (58%)

Green (66%)

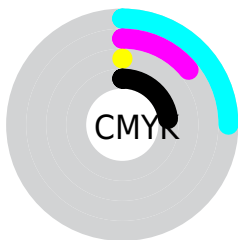
Blue (77%)



Red (58%)

Yellow (64%)

Blue (77%)

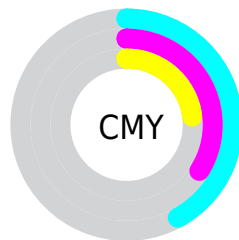


Cyan (25%)

Magenta (14%)

Yellow (0%)

Black (23%)



Cyan (42%)

Magenta (34%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4788, 38.7031, 58.3711 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 36.4788, 38.7031, 58.3711 by changing the saturation by 10% instead.

■ 36.4788, 38.7031,
58.3711

■ 36.4788, 38.7031,
58.3711

322.4433,
340.6265, 436.2041

■ 24.9760, 26.5288,
41.6904

■ 69.0895, 73.1845,
103.9832

■ 16.1878, 17.2197,
28.5352

■ 90.9281, 96.2605,
133.7516

■ 9.7489, 10.3912,
18.4869

116.9428,
123.7392, 168.7197

■ 5.2937, 5.6591,
11.1271

147.4987,
156.0049, 209.3061

■ 2.4571, 2.6389,
6.0371

182.9614,
193.4421, 255.9291

■ 0.8737, 0.9463,
2.7985

223.6962,

■ 0.0000, 0.0000,

236.4352, 309.0074

0.9927

270.0684,
285.3685, 368.9596

■ 0.0000, 0.0000,
0.0000

■ 36.4788, 38.7031,
58.3711

■ 36.4788, 38.7031,
58.3711

■ 31.2096, 33.0114,
57.5509

■ 42.5372, 45.0711,
59.2816

■ 26.6907, 27.9666,
56.8153

■ 49.4140, 52.1343,
60.2825

■ 22.8853, 23.5436,
56.1621

■ 57.1415, 59.9163,
61.3773

■ 19.7516, 19.7135,
55.5880

■ 65.7487, 68.4383,
62.5685

■ 17.2432, 16.4448,
55.0893

■ 75.2636, 77.7206,
63.8587

■ 15.3067, 13.7021,
54.6620

■ 81.4701, 85.5952,
65.0515

■ 13.8783, 11.4439,
54.3014

■ 84.8239, 92.3028,
66.1695

■ 13.2824, 10.4397,
54.1390

■ 87.0782, 96.8113,
66.9209

Harmonies

Analogous

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



34.0577, 38.7031, 55.4582



36.4788, 38.7031, 58.3711



39.0980, 38.7031, 56.5250

Triad

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



36.4788, 38.7031, 58.3711



41.5150, 38.7031, 35.9813



32.7149, 38.7031, 34.6228

Complementary

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



36.4788, 38.7031, 58.3711



43.8971, 45.0594, 34.4017

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.



34.5672, 38.7031, 30.4312



36.4788, 38.7031, 58.3711



39.6566, 38.7031, 31.1472

Square

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



36.4788, 38.7031, 58.3711



42.0860, 38.7031, 43.0299



37.0952, 38.7031, 29.2385



31.9510, 38.7031, 41.2646

Rectangle

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



36.4788, 38.7031, 58.3711



40.5914, 38.7031, 52.9510



37.0952, 38.7031, 29.2385



33.2265, 38.7031, 32.9127

Sweetspot

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



36.4800, 38.7047, 58.3720



85.6173, 90.4346, 107.5508



39.9933, 49.3545, 48.3727



18.1592, 19.1867, 22.9963



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.



36.4800, 38.7047, 58.3720



59.8910, 63.4761, 103.7033



33.4810, 31.8170, 57.2006



10.4242, 11.0225, 13.4956



8.8157, 7.0254, 35.6358



0.4890, 0.4758, 1.7112

Inverse Universe

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



40.7783, 35.9158, 42.3210



69.0541, 58.0178, 69.3766



47.4920, 53.5054, 35.8425



10.8194, 10.7111, 12.0323



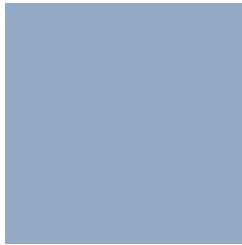
16.2491, 8.2492, 6.5216



0.8055, 0.4050, 0.4990

Previews

White Background



This preview shows how the XYZ color 36.4788, 38.7031, 58.3711 looks on a white background.

Color Contrast Check

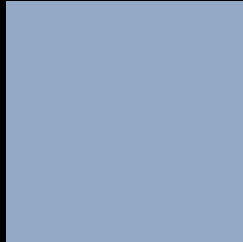
Large Text (above 18pt) WCAG AA × Fail

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 36.4788, 38.7031, 58.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

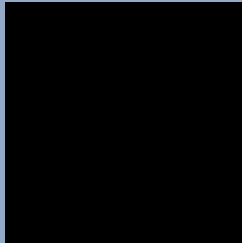
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4788, 38.7031, 58.3711

Background



This preview shows how black text looks on a background with the XYZ color 36.4788, 38.7031, 58.3711.



This preview shows how white text looks on a background with the XYZ color 36.4788, 38.7031,

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

36.4788, 38.7031, 58.3711

Protanopia

38.0034, 38.4275, 57.0440

Deuteranopia

39.4387, 38.5964, 58.7973



Tritanopia

35.1739, 38.7396, 51.5226

Trichromacy



Original Color

36.4788, 38.7031, 58.3711

Protanomaly

37.3103, 38.3259, 57.6557

Deuteranomaly

38.3461, 38.5646, 58.8487

Tritanomaly

35.5927, 38.6266, 53.7239

Monochromacy



Original Color

36.4788, 38.7031, 58.3711

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.0526, 38.1827, 47.0648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4788, 38.7031, 58.3711 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(148, 169, 197)` looks like.

```
.text, #text, p{  
    color:rgb(148, 169, 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(148, 169, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 169, 197) }
```

Border

The CSS property to change the border of an element to XYZ 36.4788, 38.7031, 58.3711 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(148, 169, 197) }
```


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

```
.border{ border-color:rgb(148, 169, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 169, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 169, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 169, 197);  
box-shadow:4px 4px 4px 4px rgb(148, 169,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4788, 38.7031, 58.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 169, 197) }
```

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

```
.background{ background-color: rgb(148,  
169, 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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