

Converting Colors

XYZ(36.5999, 38.0882, 51.8754)

Have a look what the booklet for
XYZ(36.5999, 38.0882, 51.8754)
contains.

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Color

**XYZ(36.5997, 38.0867,
51.8768)**

Conversions

Conversions Part 1

Format	Color
Hex	9EA6BA
RGB	158, 166, 186
RGB Percent	62%, 65%, 73%
CMY	0.3804, 0.3490, 0.2706
CMYK	0.15, 0.11, 0.00, 0.27
HSL	223°, 17%, 67%
HSV	223°, 15%, 73%
XYZ	36.5997, 38.0867, 51.8768
YIQ	165.8880, -11.1880, 4.5240

Conversions

Conversions Part 2

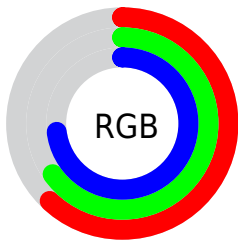
Format	Color
R _Y B	158, 164, 186
Decimal	10397370
CIE Lab	68.08, 1.33, -11.23
CIE LCh	68, 11.312, 276.743
Yxy	38.0867, 0.2892, 0.3009
Android (android.graphics.Color)	4288587450 (0xFF9EA6BA)
YUV	165.8880, 9.9152, -6.9178
Hunter-Lab	61.7144, -2.1409, -6.6387

Details

The XYZ color **36.5997, 38.0867, 51.8768** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.3419, 44.7484, 38.7542**, and the grayscale version is **36.1498, 38.0325, 41.4173**.

A 20% lighter version of the original color is **69.3240, 72.2698, 94.3001**, and **16.1948, 16.7923, 24.5780** is the 20% darker color. If you saturate the color by 10%, you get **30.9230, 31.7595, 50.9553**, and if you desaturate by 10%, it is **43.0819, 45.2015, 52.9090**.

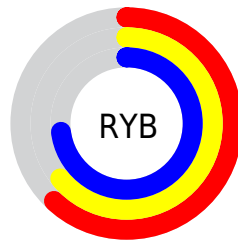
Distribution



Red (62%)

Green (65%)

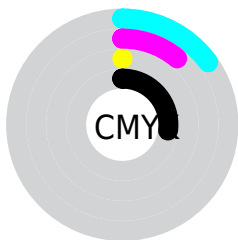
Blue (73%)



Red (62%)

Yellow (64%)

Blue (73%)

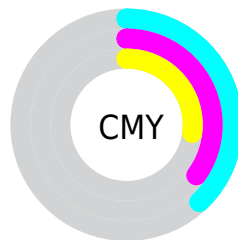


Cyan (15%)

Magenta (11%)

Yellow (0%)

Black (27%)



Cyan (38%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.5997, 38.0867, 51.8768 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 36.5997, 38.0867, 51.8768 by changing the saturation by 10% instead.

■ 36.5997, 38.0867,
51.8768

■ 36.5997, 38.0867,
51.8768

322.9599,
337.9917, 410.9042

■ 25.0700, 26.0500,
36.5253

■ 69.2745, 72.2410,
94.3743

■ 16.2582, 16.8610,
24.5473

■ 91.1503, 95.1274,
122.3573

■ 9.7990, 10.1355,
15.5241

117.2055,
122.3991, 155.3880

■ 5.3272, 5.4889,
9.0374

147.8055,
154.4406, 193.8848

■ 2.4772, 2.5369,
4.6684

183.3155,
191.6362, 238.2662

■ 0.8838, 0.8950,
1.9987

224.1010,

■ 0.0000, 0.0000,

234.3703, 288.9510

0.5545

270.5274,
283.0274, 346.3574

■ 0.0000, 0.0000,
0.0000

■ 36.5997, 38.0867,
51.8768

■ 36.5997, 38.0867,
51.8768

■ 30.9230, 31.7595,
50.9553

■ 43.0819, 45.2015,
52.9090

■ 26.0161, 26.1873,
50.1384

■ 50.3966, 53.1255,
54.0530

■ 21.8455, 21.3420,
49.4230

■ 58.5738, 61.8854,
55.3129

■ 18.3738, 17.1921,
48.8049

■ 67.6409, 71.5053,
56.6918

■ 15.5602, 13.7033,
48.2798

■ 77.6242, 82.0082,
58.1929

■ 13.3595, 10.8385,
47.8429

■ 82.9707, 90.5406,
59.5580

■ 11.7199, 8.5560,
47.4887

■ 85.8630, 96.3252,
60.5221

■ 10.5799, 6.8079,
47.2114

■ 10.1433, 6.1057,
47.0989

Harmonies

Analogous

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



34.8783, 38.0867, 51.0434



36.5997, 38.0867, 51.8768



38.2661, 38.0867, 49.7455

Triad

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



36.5997, 38.0867, 51.8768



38.9850, 38.0867, 35.9295



33.1745, 38.0867, 37.7536

Complementary

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



36.5997, 38.0867, 51.8768



42.3419, 44.7484, 38.7542

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.



34.2101, 38.0867, 34.1672



36.5997, 38.0867, 51.8768



37.5553, 38.0867, 33.1752

Square

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



36.5997, 38.0867, 51.8768



39.6719, 38.0867, 40.3406



35.8037, 38.0867, 32.5572



32.9373, 38.0867, 42.6202

Rectangle

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



36.5997, 38.0867, 51.8768



39.1094, 38.0867, 47.0247



35.8037, 38.0867, 32.5572



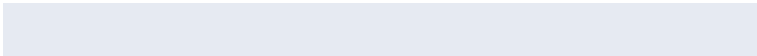
33.4391, 38.0867, 36.3708

Sweetspot

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



36.6008, 38.0883, 51.8777



78.0507, 81.8892, 95.8939



39.6559, 45.5859, 48.6188



16.9946, 17.8224, 21.0869



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.6008, 38.0883, 51.8777



62.8445, 65.1610, 93.4665



36.3180, 35.8498, 51.4605



8.7246, 9.1264, 11.3812



6.8804, 4.2205, 31.7051



0.2972, 0.2581, 1.1359

Inverse Universe

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



39.3604, 37.6469, 41.2702



68.8169, 64.3137, 70.4849



42.6468, 47.3385, 39.2381



9.1073, 9.0533, 9.9126



14.0866, 7.2084, 3.0768



0.5242, 0.2651, 0.2537

Previews

White Background



This preview shows how the XYZ color 36.5997, 38.0867, 51.8768 looks on a white background.

Color Contrast Check

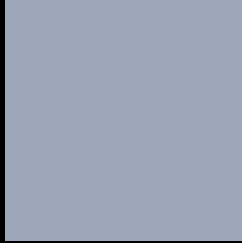
Large Text (above 18pt) WCAG AA × Fail

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 36.5997, 38.0867, 51.8768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

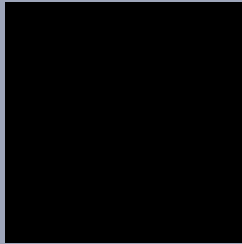
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

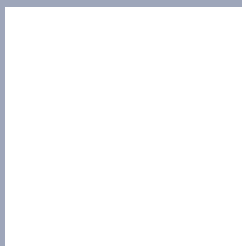
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 36.5997, 38.0867, 51.8768

Background



This preview shows how black text looks on a background with the XYZ color 36.5997, 38.0867, 51.8768.



This preview shows how white text looks on a background with the XYZ color 36.5997, 38.0867,

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

36.5997, 38.0867, 51.8768

Protanopia

37.3163, 38.1996, 51.3054

Deuteranopia

38.7278, 37.8483, 52.2780



Tritanopia

35.9616, 38.1008, 48.6388

Trichromacy



Original Color

36.5997, 38.0867, 51.8768

Protanomaly

36.9100, 37.9901, 51.2864

Deuteranomaly

38.0032, 37.9977, 52.3450

Tritanomaly

36.1668, 38.1829, 49.7198

Monochromacy



Original Color

36.5997, 38.0867, 51.8768

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

36.2833, 38.0761, 44.9722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.5997, 38.0867, 51.8768 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(158, 166, 186) looks like.

```
.text, #text, p{  
    color:rgb(158, 166, 186)  
}
```

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(158, 166, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 166, 186) }
```

Border

The CSS property to change the border of an element to XYZ 36.5997, 38.0867, 51.8768 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(158, 166, 186) }
```


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

```
.border{ border-color:rgb(158, 166, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 166, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 166, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 166, 186);  
box-shadow:4px 4px 4px 4px rgb(158, 166,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 36.5997, 38.0867, 51.8768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 166, 186) }
```

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

```
.background{ background-color: rgb(158,  
166, 186) }
```

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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