

Converting Colors

XYZ(36.4187, 38.1486, 57.1724)

Have a look what the booklet for
XYZ(36.4187, 38.1486, 57.1724)
contains.

XYZ(36.4315, 38.1569, 57.0746)	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(36.4315, 38.1569,
57.0746)**

Conversions

Conversions Part 1

Format	Color
Hex	97A7C3
RGB	151, 167, 195
RGB Percent	59%, 65%, 76%
CMY	0.4078, 0.3451, 0.2353
CMYK	0.23, 0.14, 0.00, 0.24
HSL	218°, 27%, 68%
HSV	218°, 23%, 76%
XYZ	36.4315, 38.1569, 57.0746
YIQ	165.4080, -18.5240, 5.3160

Conversions

Conversions Part 2

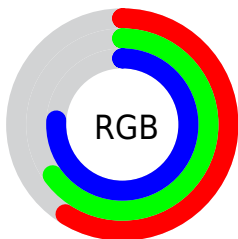
Format	Color
R _Y B	151, 163, 195
Decimal	9938883
CIE Lab	68.14, 0.55, -16.20
CIE LCh	68, 16.206, 271.936
Yxy	38.1569, 0.2767, 0.2898
Android (android.graphics.Color)	4288128963 (0xFF97A7C3)
YUV	165.4080, 14.5889, -12.6358
Hunter-Lab	61.7713, -2.8239, -11.5421

Details

The XYZ color **36.4315, 38.1569, 57.0746** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.2119, 46.0765, 35.8424**, and the grayscale version is **35.8995, 37.7690, 41.1305**.

A 20% lighter version of the original color is **69.1456, 72.3926, 102.4243**, and **16.0840, 16.8372, 27.6015** is the 20% darker color. If you saturate the color by 10%, you get **30.9426, 32.1139, 56.1981**, and if you desaturate by 10%, it is **42.7395, 44.9478, 58.0535**.

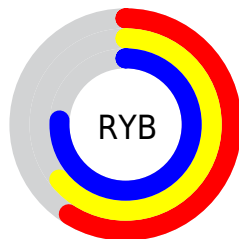
Distribution



Red (59%)

Green (65%)

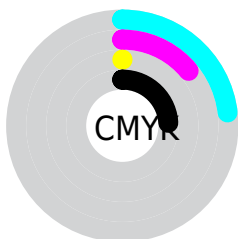
Blue (76%)



Red (59%)

Yellow (64%)

Blue (76%)

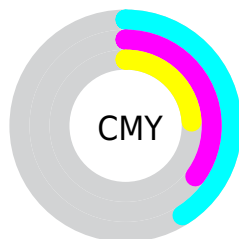


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (41%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 36.4315, 38.1569, 57.0746 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 36.4315, 38.1569, 57.0746 by changing the saturation by 10% instead.

■ 36.4315, 38.1569,
57.0746

■ 36.4315, 38.1569,
57.0746

322.2411,
338.2926, 431.2304

■ 24.9393, 26.1045,
40.6554

■ 69.0171, 72.3486,
102.0754

■ 16.1603, 16.9018,
27.7322

■ 90.8412, 95.2566,
131.4942

■ 9.7292, 10.1645,
17.8866

116.8399,
122.5520, 166.0831

■ 5.2807, 5.5082,
10.7000

147.3787,
154.6191, 206.2608

■ 2.4493, 2.5484,
5.7539

182.8228,
191.8423, 252.4459

■ 0.8698, 0.9008,
2.6296

223.5377,

■ 0.0000, 0.0000,

234.6060, 305.0568

0.9077

269.8887,
283.2946, 364.5121

■ 0.0000, 0.0000,
0.0000

■ 36.4315, 38.1569,
57.0746

■ 36.4315, 38.1569,
57.0746

■ 30.9426, 32.1139,
56.1981

■ 42.7395, 44.9478,
58.0535

■ 26.2336, 26.7868,
55.4181

■ 49.8963, 52.5079,
59.1356

■ 22.2676, 22.1479,
54.7317

■ 57.9344, 60.8632,
60.3247

■ 19.0028, 18.1659,
54.1352

■ 66.8835, 70.0371,
61.6237

■ 16.3929, 14.8063,
53.6243

■ 76.7719, 80.0520,
63.0356

■ 14.3855, 12.0310,
53.1944

■ 82.6800, 88.3793,
64.3316

■ 12.9188, 9.7963,
52.8403

■ 86.4882, 95.9957,
65.6010

■ 12.0985, 8.4363,
52.6211

■ 86.8504, 96.7202,
65.7217

Harmonies

Analogous

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



34.0274, 38.1569, 55.0848



36.4315, 38.1569, 57.0746



38.9001, 38.1569, 54.5190

Triad

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



36.4315, 38.1569, 57.0746



40.5515, 38.1569, 34.6074



32.1436, 38.1569, 35.3338

Complementary

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



36.4315, 38.1569, 57.0746



44.2119, 46.0765, 35.8424

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.



33.7554, 38.1569, 30.8144



36.4315, 38.1569, 57.0746



38.6028, 38.1569, 30.4306

Square

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



36.4315, 38.1569, 57.0746



41.3465, 38.1569, 41.0777



36.1030, 38.1569, 29.1258



31.6215, 38.1569, 42.0186

Rectangle

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



36.4315, 38.1569, 57.0746



40.2312, 38.1569, 50.7363



36.1030, 38.1569, 29.1258



32.5721, 38.1569, 33.5391

Sweetspot

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



36.4327, 38.1584, 57.0755



83.3461, 87.7136, 105.0074



40.4015, 48.8595, 49.8793



18.0785, 19.0252, 22.9693



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.



36.4327, 38.1584, 57.0755



60.2980, 62.9220, 101.4369



34.7963, 33.2289, 56.2102



9.8215, 10.3344, 12.7619



7.9368, 5.6301, 34.2250



0.4088, 0.3750, 1.5007

Inverse Universe

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



40.5482, 36.5262, 41.4741



69.0268, 59.7878, 68.2742



46.1210, 52.1011, 36.9046



10.2212, 10.1371, 11.2554



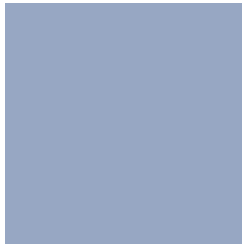
15.4021, 7.8506, 4.7636



0.6987, 0.3525, 0.3808

Previews

White Background



This preview shows how the XYZ color 36.4315, 38.1569, 57.0746 looks on a white background.

Color Contrast Check

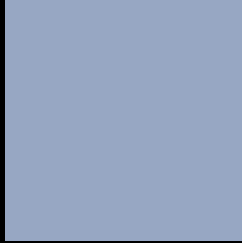
Large Text (above 18pt) WCAG AA × Fail

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 36.4315, 38.1569, 57.0746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

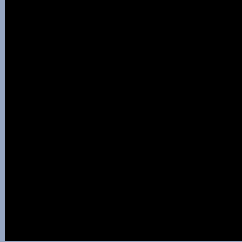
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 36.4315, 38.1569, 57.0746

Background



This preview shows how black text looks on a background with the XYZ color 36.4315, 38.1569, 57.0746.



This preview shows how white text looks on a background with the XYZ color 36.4315, 38.1569,

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

36.4315, 38.1569, 57.0746

Protanopia

37.3983, 37.8748, 55.7915

Deuteranopia

38.8205, 38.0417, 57.5213



Tritanopia

35.1296, 38.1844, 50.3185

Trichromacy



Original Color

36.4315, 38.1569, 57.0746

Protanomaly

37.0974, 37.9734, 56.4133

Deuteranomaly

37.9372, 38.1135, 57.5817

Tritanomaly

35.5499, 38.0772, 52.4897

Monochromacy



Original Color

36.4315, 38.1569, 57.0746

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.9699, 37.8806, 46.4902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.4315, 38.1569, 57.0746 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(151, 167, 195)` looks like.

```
.text, #text, p{  
    color:rgb(151, 167, 195)  
}
```

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(151, 167, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 167, 195) }
```

Border

The CSS property to change the border of an element to XYZ 36.4315, 38.1569, 57.0746 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(151, 167, 195) }
```


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

```
.border{ border-color:rgb(151, 167, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 167, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 167, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 167, 195);  
box-shadow:4px 4px 4px 4px rgb(151, 167,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 36.4315, 38.1569, 57.0746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 167, 195) }
```

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

```
.background{ background-color: rgb(151,  
167, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor