

Converting Colors

XYZ(31.1377, 30.6854, 56.9874)

Have a look what the booklet for
XYZ(31.1377, 30.6854, 56.9874)
contains.

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Color

**XYZ(31.1492, 30.6143,
57.0907)**

Conversions

Conversions Part 1

Format	Color
Hex	8A94C5
RGB	138, 148, 197
RGB Percent	54%, 58%, 77%
CMY	0.4588, 0.4196, 0.2274
CMYK	0.30, 0.25, 0.00, 0.23
HSL	230°, 34%, 66%
HSV	230°, 30%, 77%
XYZ	31.1492, 30.6143, 57.0907
YIQ	150.5960, -21.6890, 13.1190

Conversions

Conversions Part 2

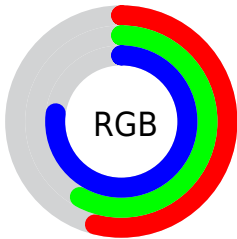
Format	Color
RYB	138, 147, 197
Decimal	9082053
CIELab	62.18, 7.74, -26.48
CIElCh	62, 27.588, 286.292
Yxy	30.6143, 0.2621, 0.2576
Android (android.graphics.Color)	4287272133 (0xFF8A94C5)
YUV	150.5960, 22.8772, -11.0467
Hunter-Lab	55.3302, 3.6622, -22.4454

Details

The XYZ color **31.1492, 30.6143, 57.0907** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **45.3843, 49.2465, 31.1594**, and the grayscale version is **29.1559, 30.6743, 33.4043**.

A 20% lighter version of the original color is **61.0022, 60.7343, 102.2737**, and **13.1634, 12.6970, 27.7436** is the 20% darker color. If you saturate the color by 10%, you get **25.7933, 24.3096, 56.1566**, and if you desaturate by 10%, it is **37.4610, 37.9516, 58.1748**.

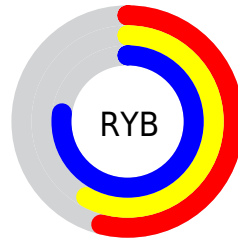
Distribution



Red (54%)

Green (58%)

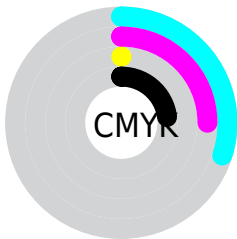
Blue (77%)



Red (54%)

Yellow (58%)

Blue (77%)

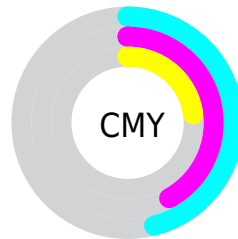


Cyan (30%)

Magenta (25%)

Yellow (0%)

Black (23%)



Cyan (46%)

Magenta (42%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1492, 30.6143, 57.0907 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 31.1492, 30.6143, 57.0907 by changing the saturation by 10% instead.

■ 31.1492, 30.6143,
57.0907

■ 31.1492, 30.6143,
57.0907

299.0397,
304.7575, 431.2923

■ 20.8649, 20.3053,
40.6682

■ 60.8491, 60.6323,
102.0992

■ 13.1372, 12.6172,
27.7422

■ 80.9955, 81.1101,
131.5222

■ 7.6007, 7.1655,
17.8941

■ 105.1598,
105.7464, 166.1159

■ 3.8902, 3.5658,
10.7053

133.7076,
134.9254, 206.2987

■ 1.6402, 1.4338,
5.7574

167.0041,
169.0316, 252.4893

■ 0.4184, 0.2414,
2.6317

205.4147,

■ 0.0000, 0.0000,

208.4495, 305.1060

0.9088

249.3048,
253.5633, 364.5675

■ 0.0000, 0.0000,
0.0000

■ 31.1492, 30.6143,
57.0907

■ 31.1492, 30.6143,
57.0907

■ 25.7933, 24.3096,
56.1566

■ 37.4610, 37.9516,
58.1748

■ 21.3433, 18.9872,
55.3638

■ 44.7695, 46.3617,
59.4129

■ 17.7488, 14.5979,
54.7060

■ 53.1169, 55.8870,
60.8115

■ 14.9534, 11.0865,
54.1756

■ 62.5417, 66.5664,
62.3761

■ 12.8938, 8.3921,
53.7641

■ 73.0809, 78.4371,
64.1119

■ 11.4963, 6.4452,
53.4619

■ 84.3252, 91.3055,
66.0031

■ 10.6366, 5.1463,
53.2565

■ 87.0781, 96.8113,
66.9208

■ 10.6329, 5.1408,
53.2557

Harmonies

Analogous

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



27.4371, 30.6143, 57.4334



31.1492, 30.6143, 57.0907



34.5757, 30.6143, 49.5703

Triad

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



31.1492, 30.6143, 57.0907



34.3206, 30.6143, 20.6198



22.6926, 30.6143, 28.7151

Complementary

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



31.1492, 30.6143, 57.0907



45.3843, 49.2465, 31.1594

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.



24.2317, 30.6143, 21.0973



31.1492, 30.6143, 57.0907



30.8245, 30.6143, 17.1415

Square

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



31.1492, 30.6143, 57.0907



36.5106, 30.6143, 27.9154



27.1388, 30.6143, 17.2953



22.7634, 30.6143, 39.4114

Rectangle

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



31.1492, 30.6143, 57.0907



36.1440, 30.6143, 42.2587



27.1388, 30.6143, 17.2953



23.0329, 30.6143, 25.7632

Sweetspot

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



31.1502, 30.6155, 57.0914



81.3231, 84.3405, 106.6009



39.3307, 48.8894, 53.9210



16.9631, 17.5444, 22.7423



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.



31.1502, 30.6155, 57.0914



49.2673, 47.1717, 101.1161



33.0104, 29.3456, 56.7482



10.1996, 10.5732, 13.4207



7.0361, 3.4661, 35.0425



0.3796, 0.2569, 1.6747

Inverse Universe

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



37.4606, 32.1864, 32.2564



62.4851, 50.7704, 49.0270



42.9873, 51.2706, 31.6764



10.7060, 10.6658, 11.4351



15.3508, 7.8899, 1.7913



0.7503, 0.3830, 0.2081

Previews

White Background



This preview shows how the XYZ color 31.1492, 30.6143, 57.0907 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 31.1492, 30.6143, 57.0907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

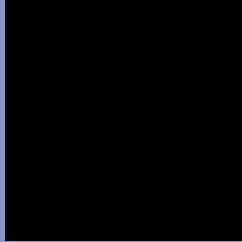
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.1492, 30.6143, 57.0907

Background



This preview shows how black text looks on a background with the XYZ color 31.1492, 30.6143, 57.0907.



This preview shows how white text looks on a background with the XYZ color 31.1492, 30.6143,

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

31.1492, 30.6143, 57.0907

Protanopia

30.9845, 30.5294, 57.0830

Deuteranopia

31.3154, 30.7000, 57.0985



Tritanopia

27.7986, 30.6897, 40.5349

Trichromacy



Original Color

31.1492, 30.6143, 57.0907

Protanomaly

30.9845, 30.5294, 57.0830

Deuteranomaly

31.3154, 30.7000, 57.0985

Tritanomaly

28.9956, 30.6991, 45.9923

Monochromacy



Original Color

31.1492, 30.6143, 57.0907

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8283, 30.7508, 41.4092

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1492, 30.6143, 57.0907 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(138, 148, 197)` looks like.

```
.text, #text, p{  
    color:rgb(138, 148, 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(138, 148, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 148, 197) }
```

Border

The CSS property to change the border of an element to XYZ 31.1492, 30.6143, 57.0907 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(138, 148, 197) }
```


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

```
.border{ border-color:rgb(138, 148, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 148, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 148, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 148, 197);  
box-shadow:4px 4px 4px 4px rgb(138, 148,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1492, 30.6143, 57.0907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 148, 197) }
```

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

```
.background{ background-color: rgb(138,  
148, 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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