

Converting Colors

XYZ(31.0347, 29.9870, 57.5771)

Have a look what the booklet for
XYZ(31.0347, 29.9870, 57.5771)
contains.

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Color

**XYZ(31.1194, 30.1240,
57.6004)**

Conversions

Conversions Part 1

Format	Color
Hex	8B92C6
RGB	139, 146, 198
RGB Percent	55%, 57%, 78%
CMY	0.4549, 0.4274, 0.2235
CMYK	0.30, 0.26, 0.00, 0.22
HSL	233°, 34%, 66%
HSV	233°, 30%, 78%
XYZ	31.1194, 30.1240, 57.6004
YIQ	149.8350, -20.8640, 14.6880

Conversions

Conversions Part 2

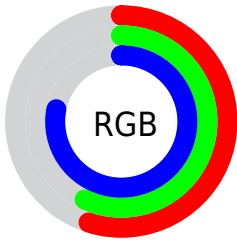
Format	Color
RYB	139, 145, 198
Decimal	9147078
CIELab	61.76, 9.44, -27.68
CIElCh	62, 29.247, 288.827
Yxy	30.1240, 0.2619, 0.2535
Android (android.graphics.Color)	4287337158 (0xFF8B92C6)
YUV	149.8350, 23.7453, -9.5023
Hunter-Lab	54.8853, 5.1583, -23.8032

Details

The XYZ color **31.1194, 30.1240, 57.6004** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **46.5802, 51.1318, 31.8415**, and the grayscale version is **28.8293, 30.3306, 33.0301**.

A 20% lighter version of the original color is **60.9524, 59.9979, 102.9760**, and **13.1474, 12.4056, 28.0871** is the 20% darker color. If you saturate the color by 10%, you get **25.6201, 23.5964, 56.6308**, and if you desaturate by 10%, it is **37.6300, 37.7839, 58.7363**.

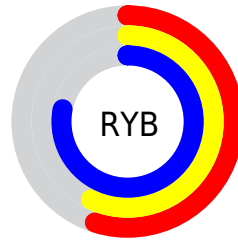
Distribution



Red (55%)

Green (57%)

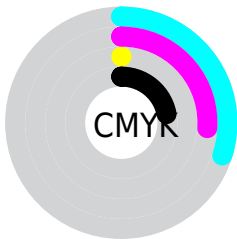
Blue (78%)



Red (55%)

Yellow (57%)

Blue (78%)

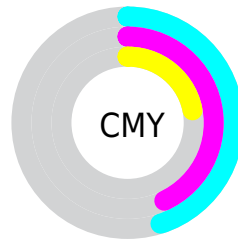


Cyan (30%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (45%)

Magenta (43%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.1194, 30.1240, 57.6004 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 31.1194, 30.1240, 57.6004 by changing the saturation by 10% instead.

■ 31.1194, 30.1240,
57.6004

■ 31.1194, 30.1240,
57.6004

298.9051,
302.4820, 433.2519

■ 20.8421, 19.9327,
41.0749

■ 60.8026, 59.8582,
102.8497

■ 13.1204, 12.3462,
28.0575

■ 80.9391, 80.1700,
132.4107

■ 7.5891, 6.9799,
18.1296

■ 105.0928,
104.6240, 167.1538

■ 3.8827, 3.4495,
10.8727

133.6289,
133.6047, 207.4977

■ 1.6360, 1.3707,
5.8682

166.9128,
167.4964, 253.8610

■ 0.4157, 0.1950,
2.6976

205.3099,

■ 0.0000, 0.0000,

206.6836, 306.6620

0.9422

249.1856,
251.5507, 366.3195

■ 0.0000, 0.0000,
0.0000

■ 31.1194, 30.1240,
57.6004

■ 31.1194, 30.1240,
57.6004

■ 25.6201, 23.5964,
56.6308

■ 37.6300, 37.7839,
58.7363

■ 21.0784, 18.1437,
55.8177

■ 45.1963, 46.6226,
60.0435

■ 17.4397, 13.7090,
55.1535

■ 53.8636, 56.6886,
61.5297

■ 14.6430, 10.2283,
54.6291

■ 63.6735, 68.0263,
63.2010

■ 12.6194, 7.6307,
54.2343

■ 74.6657, 80.6781,
65.0637

■ 11.2891, 5.8347,
53.9578

■ 85.8389, 94.1488,
67.0749

■ 10.5217, 4.7269,
53.7844

■ 87.1931, 96.8573,
67.5263

■ 10.5094, 4.7099,
53.7818

Harmonies

Analogous

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



27.2040, 30.1240, 58.6865



31.1194, 30.1240, 57.6004



34.6523, 30.1240, 49.0580

Triad

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



31.1194, 30.1240, 57.6004



33.8551, 30.1240, 19.1504



21.8904, 30.1240, 28.8137

Complementary

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



31.1194, 30.1240, 57.6004



46.5802, 51.1318, 31.8415

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.



23.3527, 30.1240, 20.6008



31.1194, 30.1240, 57.6004



30.1090, 30.1240, 15.9267

Square

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



31.1194, 30.1240, 57.6004



36.3281, 30.1240, 26.3491



26.2807, 30.1240, 16.3892



22.1077, 30.1240, 40.2260

Rectangle

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



31.1194, 30.1240, 57.6004



36.2051, 30.1240, 41.1799



26.2807, 30.1240, 16.3892



22.1961, 30.1240, 25.6417

Sweetspot

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



31.1204, 30.1252, 57.6011



80.9884, 83.6710, 106.4893



40.1511, 49.6013, 56.2501



16.8814, 17.3809, 22.7151



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.



31.1204, 30.1252, 57.6011



48.3492, 45.3356, 100.8101



34.0507, 30.0825, 57.4384



10.1564, 10.4868, 13.4064



6.8679, 3.1297, 34.9865



0.3599, 0.2175, 1.6682

Inverse Universe

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



37.7105, 32.5473, 31.4901



62.0217, 50.5851, 46.5867



42.8425, 51.5258, 32.1145



10.6842, 10.6571, 11.3203



15.2659, 7.8559, 1.3443



0.7403, 0.3790, 0.1558

Previews

White Background



This preview shows how the XYZ color 31.1194, 30.1240, 57.6004 looks on a white background.

Color Contrast Check

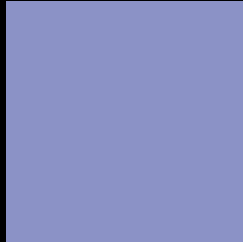
Large Text (above 18pt) WCAG AA × Fail

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 31.1194, 30.1240, 57.6004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

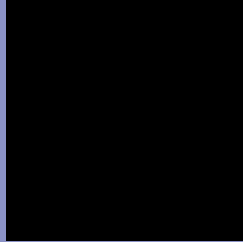
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 31.1194, 30.1240, 57.6004

Background



This preview shows how black text looks on a background with the XYZ color 31.1194, 30.1240, 57.6004.



This preview shows how white text looks on a background with the XYZ color 31.1194, 30.1240,

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

31.1194, 30.1240, 57.6004

Protanopia

30.7342, 30.1419, 58.2309

Deuteranopia

30.9433, 30.2630, 57.6365



Tritanopia

27.4448, 30.0423, 39.4742

Trichromacy



Original Color

31.1194, 30.1240, 57.6004

Protanomaly

30.8959, 30.2252, 58.2385

Deuteranomaly

31.1080, 30.3479, 57.6442

Tritanomaly

28.7345, 30.0982, 45.3694

Monochromacy



Original Color

31.1194, 30.1240, 57.6004

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.5766, 30.3959, 40.8674

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.1194, 30.1240, 57.6004 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(139, 146, 198)` looks like.

```
.text, #text, p{  
    color:rgb(139, 146, 198)  
}
```

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(139, 146, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 146, 198) }
```

Border

The CSS property to change the border of an element to XYZ 31.1194, 30.1240, 57.6004 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(139, 146, 198) }
```


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

```
.border{ border-color:rgb(139, 146, 198) }
```

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

Here you see how a box with a 4 pixel rgb(139, 146, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 146, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 146, 198);  
box-shadow:4px 4px 4px 4px rgb(139, 146,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 31.1194, 30.1240, 57.6004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 146, 198) }
```

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

```
.background{ background-color: rgb(139,  
146, 198) }
```

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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