

Converting Colors

XYZ(30.1883, 23.6295, 57.6134)

Have a look what the booklet for
XYZ(30.1883, 23.6295, 57.6134)
contains.

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Color

**XYZ(30.1883, 23.6295,
57.6134)**

Conversions

Conversions Part 1

Format	Color
Hex	9B74C8
RGB	155, 116, 200
RGB Percent	61%, 45%, 78%
CMY	0.3921, 0.5451, 0.2157
CMYK	0.22, 0.42, 0.00, 0.22
HSL	268°, 43%, 62%
HSV	268°, 42%, 78%
XYZ	30.1883, 23.6295, 57.6134
YIQ	137.2370, -3.7200, 34.3920

Conversions

Conversions Part 2

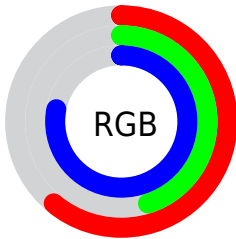
Format	Color
RYB	155, 116, 200
Decimal	10187976
CIELab	55.71, 32.03, -38.12
CIELCh	56, 49.787, 310.037
Yxy	23.6295, 0.2709, 0.2121
Android (android.graphics.Color)	4288378056 (0xFF9B74C8)
YUV	137.2370, 30.9422, 15.5782
Hunter-Lab	48.6102, 25.7857, -36.2441

Details

The XYZ color **30.1883, 23.6295, 57.6134** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **38.5052, 50.1471, 24.1738**, and the grayscale version is **23.7559, 24.9930, 27.2174**.

A 20% lighter version of the original color is **59.1019, 49.4448, 101.0365**, and **12.6750, 8.9144, 28.2467** is the 20% darker color. If you saturate the color by 10%, you get **26.1605, 18.4917, 56.8344**, and if you desaturate by 10%, it is **34.8965, 29.8557, 58.5674**.

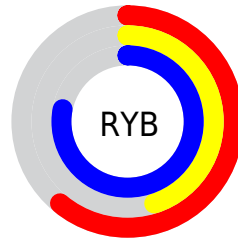
Distribution



Red (61%)

Green (45%)

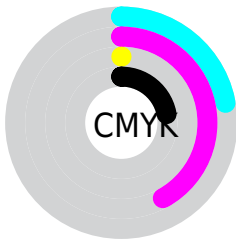
Blue (78%)



Red (61%)

Yellow (45%)

Blue (78%)

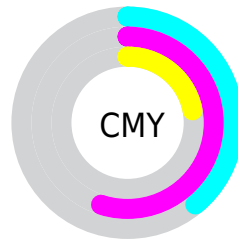


Cyan (22%)

Magenta (42%)

Yellow (0%)

Black (22%)



Cyan (39%)

Magenta (55%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.1883, 23.6295, 57.6134 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 30.1883, 23.6295, 57.6134 by changing the saturation by 10% instead.

■ 30.1883, 23.6295,
57.6134

■ 30.1883, 23.6295,
57.6134

294.6753,
270.9420, 433.3018

■ 20.1303, 15.0590,
41.0853

■ 59.3444, 49.4249,
102.8689

■ 12.5986, 8.8608,
28.0655

■ 79.1733, 67.4186,
132.4333

■ 7.2278, 4.6505,
18.1356

■ 102.9898, 89.3222,
167.1803

■ 3.6526, 2.0437,
10.8769

131.1594,
115.5201, 207.5283

■ 1.5075, 0.6327,
5.8710

164.0474,
146.3966, 253.8959

■ 0.3310, 0.0000,
2.6993

202.0191,

■ 0.0000, 0.0000,

182.3361, 306.7017

0.9431

245.4400,
223.7231, 366.3641

■ 0.0000, 0.0000,
0.0000

■ 30.1883, 23.6295,
57.6134

■ 30.1883, 23.6295,
57.6134

■ 26.1605, 18.4917,
56.8344

■ 34.8965, 29.8557,
58.5674

■ 22.7738, 14.3728,
56.2179

■ 40.3165, 37.2286,
59.7049

■ 19.9880, 11.1994,
55.7522

■ 46.4804, 45.8052,
61.0355

■ 17.7570, 8.8864,
55.4233

■ 53.4177, 55.6381,
62.5678

■ 16.0260, 7.3325,
55.2146

■ 61.1561, 66.7768,
64.3099

■ 14.9253, 6.4899,
55.1100

■ 69.7219, 79.2678,
66.2694

■ 78.8191, 92.5135,
68.3466

■ 82.3642, 94.3410,
68.5125

■ 86.1243, 96.2794,
68.6885

Harmonies

Analogous

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



24.4040, 23.6295, 70.0702



30.1883, 23.6295, 57.6134



34.2811, 23.6295, 37.8650

Triad

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



30.1883, 23.6295, 57.6134



26.3716, 23.6295, 6.1775



13.3784, 23.6295, 31.5341

Complementary

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



30.1883, 23.6295, 57.6134



38.5052, 50.1471, 24.1738

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.



13.7254, 23.6295, 16.5095



30.1883, 23.6295, 57.6134



20.6204, 23.6295, 5.6553

Square

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



30.1883, 23.6295, 57.6134



31.8344, 23.6295, 10.4672



16.1765, 23.6295, 8.5152



15.1330, 23.6295, 51.3470

Rectangle

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



30.1883, 23.6295, 57.6134



35.1528, 23.6295, 25.7085



16.1765, 23.6295, 8.5152



13.2611, 23.6295, 25.7486

Sweetspot

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



30.1892, 23.6304, 57.6139



79.1371, 77.4290, 105.3821



30.5842, 33.7952, 59.5551



16.4102, 15.8339, 22.4413



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.



30.1892, 23.6304, 57.6139



46.1236, 33.0548, 98.5570



39.3843, 28.3707, 58.0443



10.5169, 10.5247, 13.3947



9.5912, 4.1787, 35.0454



0.5375, 0.2408, 1.6633

Inverse Universe

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



36.4985, 27.3442, 37.0731



58.8355, 40.5448, 56.8320



31.5809, 46.5775, 23.8498



10.8674, 10.7303, 12.2850



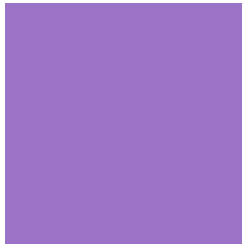
16.8831, 8.5028, 9.8601



0.8357, 0.4171, 0.6582

Previews

White Background



This preview shows how the XYZ color 30.1883, 23.6295, 57.6134 looks on a white background.

Color Contrast Check

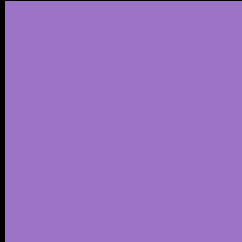
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1883, 23.6295, 57.6134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

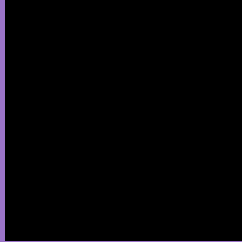
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1883, 23.6295, 57.6134

Background



This preview shows how black text looks on a background with the XYZ color 30.1883, 23.6295, 57.6134.



This preview shows how white text looks on a background with the XYZ color 30.1883, 23.6295,

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

30.1883, 23.6295, 57.6134

Protanopia

25.6060, 23.8615, 66.2069

Deuteranopia

24.5290, 23.9321, 56.1499



Tritanopia

24.0121, 23.4939, 27.6953

Trichromacy



Original Color

30.1883, 23.6295, 57.6134

Protanomaly

26.7312, 23.5407, 62.8094

Deuteranomaly

26.0946, 23.5410, 56.5946

Tritanomaly

25.8534, 23.2844, 36.8499

Monochromacy



Original Color

30.1883, 23.6295, 57.6134

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

25.6970, 24.1679, 36.5682

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1883, 23.6295, 57.6134 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(155, 116, 200)` looks like.

```
.text, #text, p{  
    color:rgb(155, 116, 200)  
}
```

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(155, 116, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 116, 200) }
```

Border

The CSS property to change the border of an element to XYZ 30.1883, 23.6295, 57.6134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

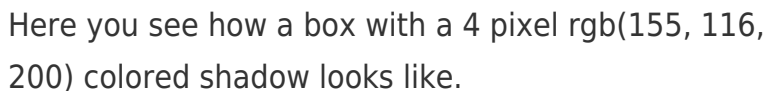
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 116, 200) }
```


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

```
.border{ border-color:rgb(155, 116, 200) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 116, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 116, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 116, 200); box-shadow:4px 4px 4px 4px rgb(155, 116, 200) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1883, 23.6295, 57.6134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 116, 200) }
```

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

```
.background{ background-color: rgb(155,  
116, 200) }
```

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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