

Converting Colors

XYZ(31.6096, 25.6716, 30.1037)

Have a look what the booklet for
XYZ(31.6096, 25.6716, 30.1037)
contains.

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Color

**XYZ(31.5945, 25.6676,
30.0772)**

Conversions

Conversions Part 1

Format	Color
Hex	B87891
RGB	184, 120, 145
RGB Percent	72%, 47%, 57%
CMY	0.2784, 0.5294, 0.4314
CMYK	0.00, 0.35, 0.21, 0.28
HSL	337°, 31%, 60%
HSV	337°, 35%, 72%
XYZ	31.5945, 25.6676, 30.0772
YIQ	141.9860, 30.1190, 21.3430

Conversions

Conversions Part 2

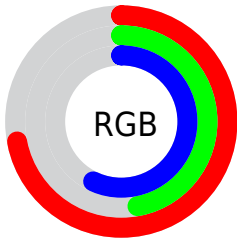
Format	Color
RYB	184, 120, 145
Decimal	12089489
CIELab	57.72, 28.60, -3.15
CIELCh	58, 28.773, 353.716
Yxy	25.6676, 0.3617, 0.2939
Android (android.graphics.Color)	4290279569 (0xFFB87891)
YUV	141.9860, 1.4859, 36.8463
Hunter-Lab	50.6632, 22.6553, 0.2656

Details

The XYZ color **31.5945, 25.6676, 30.0772** is a light color, and the websafe version is hex **996666**. A complement of this color would be **31.1454, 40.7780, 39.0323**, and the grayscale version is **25.6922, 27.0302, 29.4359**.

A 20% lighter version of the original color is **61.5280, 52.7114, 60.9643**, and **13.4616, 9.9524, 12.0380** is the 20% darker color. If you saturate the color by 10%, you get **28.7682, 21.3309, 25.0777**, and if you desaturate by 10%, it is **34.9328, 30.8912, 35.6690**.

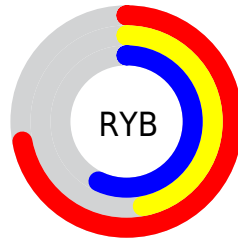
Distribution



Red (72%)

Green (47%)

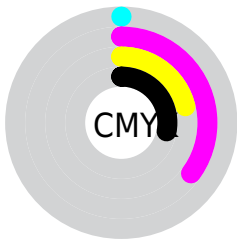
Blue (57%)



Red (72%)

Yellow (47%)

Blue (57%)

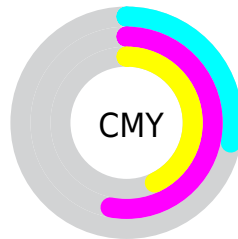


Cyan (0%)

Magenta (35%)

Yellow (21%)

Black (28%)



Cyan (28%)


Magenta (53%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5945, 25.6676, 30.0772 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 31.5945, 25.6676, 30.0772 by changing the saturation by 10% instead.

 31.5945, 25.6676,
30.0772


 31.5945, 25.6676,
30.0772


301.0461,
281.1465, 316.4826


 21.2060, 16.5751,
19.6446


 61.5443, 52.7382,
60.8467

 13.3880, 9.9320,
11.9555


 81.8364, 71.4852,
82.0207

 7.7751, 5.3539,
6.5912

 106.1604, 94.2190,
107.6123

 4.0020, 2.4564,
3.1332

134.8816,
121.3243, 138.0400

 1.7032, 0.8547,
1.1631

168.3654,
153.1852, 173.7223

 0.4583, 0.0000,
0.0000

206.9772,

 0.0000, 0.0000,

190.1863, 215.0779

0.0000

251.0823,
232.7120, 262.5251

■ 31.5945, 25.6676,
30.0772

■ 31.5945, 25.6676,
30.0772

■ 28.7682, 21.3309,
25.0777

■ 34.9328, 30.8912,
35.6690

■ 26.4248, 17.8277,
20.6479

■ 38.8059, 37.0441,
41.8715

■ 24.5356, 15.1043,
16.7657


■ 43.2375, 44.1702,
48.7042


■ 23.0676, 13.0991,
13.4068


■ 48.2495, 52.3096,
56.1850


■ 21.9831, 11.7413,
10.5445


■ 53.8625, 61.5000,
64.3313


 21.2368, 10.9450,
8.1488

 60.0959, 71.7773,
73.1596

 20.9328, 10.6566,
7.0622

 66.9686, 83.1756,
82.6859

 70.4803, 87.6916,
91.5863

 72.1495, 88.3593,
100.3762

Harmonies

Analogous

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



30.1379, 25.6676, 40.7520



31.5945, 25.6676, 30.0772



30.9809, 25.6676, 20.9878

Triad

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



31.5945, 25.6676, 30.0772



21.8267, 25.6676, 13.9231



20.6807, 25.6676, 46.2091

Complementary

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



31.5945, 25.6676, 30.0772



31.1454, 40.7780, 39.0323

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.



18.8177, 25.6676, 36.2976



31.5945, 25.6676, 30.0772



19.4345, 25.6676, 18.1529

Square

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



31.5945, 25.6676, 30.0772



25.1289, 25.6676, 13.0083



18.3839, 25.6676, 25.9211



23.6780, 25.6676, 51.3774

Rectangle

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



31.5945, 25.6676, 30.0772



29.5067, 25.6676, 16.7759



18.3839, 25.6676, 25.9211



19.9129, 25.6676, 43.2235

Sweetspot

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



31.5952, 25.6688, 30.0777



73.9234, 72.8876, 81.4728



29.5486, 24.2047, 48.4624



15.6983, 15.3307, 17.1953



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.5952, 25.6688, 30.0777



53.1407, 40.1739, 47.2566



30.6704, 26.5719, 21.2831



9.1460, 9.0688, 10.1160



14.4591, 7.3574, 5.0386



0.5404, 0.2716, 0.3392

Inverse Universe

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



31.5952, 25.6688, 30.0777



53.1407, 40.1739, 47.2566



32.2393, 39.1364, 51.2027



9.1460, 9.0688, 10.1160



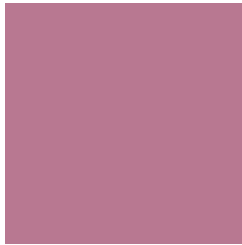
14.4591, 7.3574, 5.0386



0.5404, 0.2716, 0.3392

Previews

White Background



This preview shows how the XYZ color 31.5945, 25.6676, 30.0772 looks on a white background.

Color Contrast Check

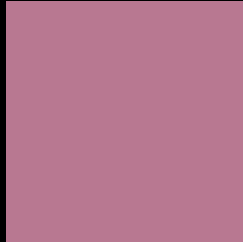
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5945, 25.6676, 30.0772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

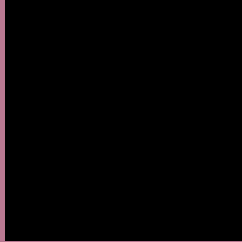
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5945, 25.6676, 30.0772

Background



This preview shows how black text looks on a background with the XYZ color 31.5945, 25.6676, 30.0772.



This preview shows how white text looks on a background with the XYZ color 31.5945, 25.6676,

30.0772.

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

31.5945, 25.6676, 30.0772

Protanopia

25.2426, 25.8115, 35.1042

Deuteranopia

26.3090, 25.8602, 29.1961



Tritanopia

30.6528, 25.6523, 25.1656

Trichromacy



Original Color

31.5945, 25.6676, 30.0772

Protanomaly

26.9207, 25.2719, 33.1649

Deuteranomaly

28.0448, 25.7350, 29.4758

Tritanomaly

30.8812, 25.5482, 26.9706

Monochromacy



Original Color

31.5945, 25.6676, 30.0772

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.3877, 26.2015, 29.6005

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5945, 25.6676, 30.0772 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(184, 120, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 120, 145)  
}
```

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(184, 120, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 120, 145) }
```

Border

The CSS property to change the border of an element to XYZ 31.5945, 25.6676, 30.0772 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(184, 120, 145) }
```


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

```
.border{ border-color:rgb(184, 120, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 120, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 120, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 120, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 120,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5945, 25.6676, 30.0772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 120, 145) }
```

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

```
.background{ background-color: rgb(184,  
120, 145) }
```

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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