

Converting Colors

XYZ(30.9198, 30.6181, 27.5368)

Have a look what the booklet for
XYZ(30.9198, 30.6181, 27.5368)
contains.

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Color

**XYZ(30.8713, 30.6602,
27.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	A89288
RGB	168, 146, 136
RGB Percent	66%, 57%, 53%
CMY	0.3412, 0.4274, 0.4667
CMYK	0.00, 0.13, 0.19, 0.34
HSL	19°, 16%, 60%
HSV	19°, 19%, 66%
XYZ	30.8713, 30.6602, 27.5835
YIQ	151.4380, 16.3220, 1.5540

Conversions

Conversions Part 2

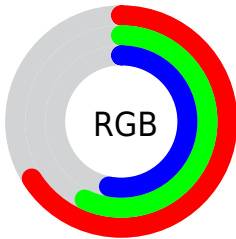
Format	Color
RYB	168, 151, 136
Decimal	11047560
CIELab	62.22, 6.54, 8.31
CIElCh	62, 10.578, 51.793
Yxy	30.6602, 0.3464, 0.3441
Android (android.graphics.Color)	4289237640 (0xFFA89288)
YUV	151.4380, -7.6109, 14.5249
Hunter-Lab	55.3717, 2.6185, 9.2247

Details

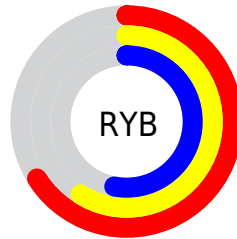
The XYZ color **30.8713, 30.6602, 27.5835** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.4479, 32.5144, 41.7699**, and the grayscale version is **29.6306, 31.1737, 33.9481**.

A 20% lighter version of the original color is **60.2710, 60.6707, 56.6781**, and **13.0650, 12.7506, 10.5766** is the 20% darker color. If you saturate the color by 10%, you get **28.0787, 26.8381, 21.2165**, and if you desaturate by 10%, it is **34.0326, 34.9196, 34.9974**.

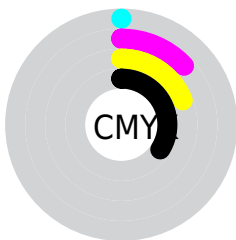
Distribution



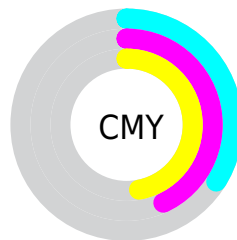
- Red (66%)
- Green (57%)
- Blue (53%)



- Red (66%)
- Yellow (59%)
- Blue (53%)



- Cyan (0%)
- Magenta (13%)
- Yellow (19%)
- Black (34%)



- Cyan (34%)
- Magenta (43%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8713, 30.6602, 27.5835 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 30.8713, 30.6602, 27.5835 by changing the saturation by 10% instead.

■ 30.8713, 30.6602,
27.5835

■ 30.8713, 30.6602,
27.5835

297.7824,
304.9698, 304.3204

■ 20.6522, 20.3402,
17.7756

■ 60.4146, 60.7047,
56.8339

■ 12.9810, 12.6426,
10.6212

■ 80.4695, 81.1980,
77.1134

■ 7.4924, 7.1829,
5.7018

■ 104.5338,
105.8512, 101.7207

■ 3.8209, 3.5768,
2.5988

132.9727,
135.0488, 131.0741

■ 1.6013, 1.4397,
0.8918

166.1517,
169.1750, 165.5922

■ 0.3933, 0.2457,
0.0000

204.4361,

■ 0.0000, 0.0000,

208.6143, 205.6936

0.0000

248.1912,
253.7511, 251.7968

■ 30.8713, 30.6602,
27.5835

■ 30.8713, 30.6602,
27.5835

■ 28.0787, 26.8381,
21.2165

■ 34.0326, 34.9196,
34.9974

■ 25.6383, 23.4352,
15.8471

■ 37.5734, 39.6256,
43.5010

■ 23.5360, 20.4378,
11.4245

■ 41.5069, 44.7924,
53.1366

■ 21.7556, 17.8302,
7.8928

■ 45.8451, 50.4324,
63.9440

■ 20.2797, 15.5955,
5.1903

■ 50.5996, 56.5573,
75.9610

■ 19.0889, 13.7153,
3.2470

■ 55.7811, 63.1786,
89.2236

■ 18.1609, 12.1696,
1.9814

■ 61.4003, 70.3073,
103.7663

■ 17.4588, 10.9313,
1.2357

■ 64.8871, 76.9219,
106.0352

■ 17.3998, 10.8273,
1.1728

■ 68.3653, 83.8784,
107.1947

Harmonies

Analogous

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



31.7635, 30.6602, 30.5514



30.8713, 30.6602, 27.5835



29.5349, 30.6602, 26.1965

Triad

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



30.8713, 30.6602, 27.5835



26.5101, 30.6602, 32.2748



30.1719, 30.6602, 41.2222

Complementary

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



30.8713, 30.6602, 27.5835



29.4479, 32.5144, 41.7699

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.



28.7518, 30.6602, 41.7783



30.8713, 30.6602, 27.5835



26.6681, 30.6602, 36.3860

Square

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



30.8713, 30.6602, 27.5835



27.0389, 30.6602, 28.7568



27.4777, 30.6602, 39.9449



31.3506, 30.6602, 38.4821

Rectangle

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



30.8713, 30.6602, 27.5835



28.5846, 30.6602, 26.2691



27.4777, 30.6602, 39.9449



29.7058, 30.6602, 41.6793

Sweetspot

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



30.8721, 30.6616, 27.5841



63.5713, 65.7891, 67.8310



31.1590, 28.4160, 36.3715



13.7720, 14.2275, 14.5841



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.8721, 30.6616, 27.5841



53.7234, 52.5086, 44.7714



33.4427, 35.8027, 28.4410



7.7153, 7.9107, 7.9096



13.1808, 8.2589, 0.8994



0.3659, 0.2914, 0.0370

Inverse Universe

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



29.4479, 32.5144, 41.7699



50.6401, 56.5139, 75.4643



26.9543, 27.5271, 40.9387



7.5468, 8.1305, 9.5899



10.0560, 11.5722, 29.6791



0.2872, 0.3666, 0.7363

Previews

White Background



This preview shows how the XYZ color 30.8713, 30.6602, 27.5835 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 30.8713, 30.6602, 27.5835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

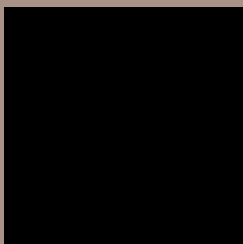
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8713, 30.6602, 27.5835

Background



This preview shows how black text looks on a background with the XYZ color 30.8713, 30.6602, 27.5835.



This preview shows how white text looks on a background with the XYZ color 30.8713, 30.6602,

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

30.8713, 30.6602, 27.5835

Protanopia

29.2041, 30.7156, 28.4342

Deuteranopia

31.1469, 30.5744, 27.5524



Tritanopia

32.2328, 30.5241, 34.7647

Trichromacy



Original Color

30.8713, 30.6602, 27.5835

Protanomaly

29.7600, 30.7746, 28.0385

Deuteranomaly

30.9315, 30.4634, 27.5423

Tritanomaly

31.6019, 30.4881, 31.8230

Monochromacy



Original Color

30.8713, 30.6602, 27.5835

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8404, 30.7383, 31.5545

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8713, 30.6602, 27.5835 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(168, 146, 136)` looks like.

```
.text, #text, p{  
    color:rgb(168, 146, 136)  
}
```

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(168, 146, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 146, 136) }
```

Border

The CSS property to change the border of an element to XYZ 30.8713, 30.6602, 27.5835 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(168, 146, 136) }
```


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

```
.border{ border-color:rgb(168, 146, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 146, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 146, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 146, 136);  
box-shadow:4px 4px 4px 4px rgb(168, 146,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8713, 30.6602, 27.5835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 146, 136) }
```

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

```
.background{ background-color: rgb(168,  
146, 136) }
```

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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