

Converting Colors

XYZ(30.8919, 30.1736, 30.0903)

Have a look what the booklet for
XYZ(30.8919, 30.1736, 30.0903)
contains.

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Color

**XYZ(30.8675, 30.1452,
30.1783)**

Conversions

Conversions Part 1

Format	Color
Hex	A7908F
RGB	167, 144, 143
RGB Percent	65%, 56%, 56%
CMY	0.3451, 0.4353, 0.4392
CMYK	0.00, 0.14, 0.14, 0.35
HSL	3°, 12%, 61%
HSV	3°, 14%, 65%
XYZ	30.8675, 30.1452, 30.1783
YIQ	150.7630, 14.0290, 4.5650

Conversions

Conversions Part 2

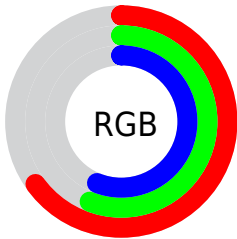
Format	Color
R_{YB}	167, 144, 143
Decimal	10981519
CIE Lab	61.78, 8.43, 3.70
CIE LCh	62, 9.205, 23.722
Yxy	30.1452, 0.3385, 0.3306
Android (android.graphics.Color)	4289171599 (0xFFA7908F)
YUV	150.7630, -3.8272, 14.2398
Hunter-Lab	54.9046, 4.2699, 5.8445

Details

The XYZ color **30.8675, 30.1452, 30.1783** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.9386, 35.9011, 41.8056**, and the grayscale version is **29.3264, 30.8537, 33.5997**.

A 20% lighter version of the original color is **60.3963, 59.9490, 61.2114**, and **13.0487, 12.4406, 12.0695** is the 20% darker color. If you saturate the color by 10%, you get **27.4413, 25.1686, 23.2524**, and if you desaturate by 10%, it is **34.8273, 35.8869, 38.2120**.

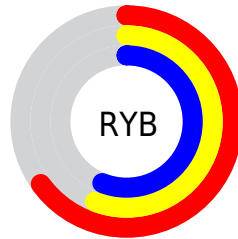
Distribution



Red (65%)

Green (56%)

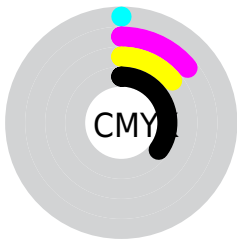
Blue (56%)



Red (65%)

Yellow (56%)

Blue (56%)

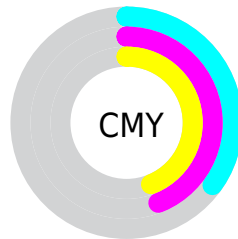


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.8675, 30.1452, 30.1783 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 30.8675, 30.1452, 30.1783 by changing the saturation by 10% instead.

■ 30.8675, 30.1452,
30.1783

■ 30.8675, 30.1452,
30.1783

297.7652,
302.5807, 316.9678

■ 20.6493, 19.9488,
19.7208

■ 60.4087, 59.8917,
61.0084

■ 12.9789, 12.3579,
12.0102

■ 80.4623, 80.2107,
82.2180

■ 7.4909, 6.9879,
6.6280

■ 104.5252,
104.6726, 107.8487

■ 3.8200, 3.4545,
3.1557

132.9627,
133.6619, 138.3191

■ 1.6008, 1.3734,
1.1747

166.1401,
167.5629, 174.0476

■ 0.3929, 0.1970,
0.0000

204.4227,

■ 0.0000, 0.0000,

206.7602, 215.4529

0.0000

248.1760,
251.6379, 262.9534

■ 30.8675, 30.1452,
30.1783

■ 30.8675, 30.1452,
30.1783

■ 27.4413, 25.1686,
23.2524

■ 34.8273, 35.8869,
38.2120

■ 24.5234, 20.9211,
17.3838

■ 39.3396, 42.4199,
47.3971

■ 22.0906, 17.3696,
12.5213

■ 44.4252, 49.7740,
57.7771

■ 20.1163, 14.4770,
8.6082

■ 50.1033, 57.9763,
69.3928

■ 18.5720, 12.2027,
5.5826

■ 56.3922, 67.0528,
82.2829

■ 17.4255, 10.5018,
3.3750

■ 63.3092, 77.0282,
96.4846

■ 16.6403, 9.3231,
1.9057

■ 69.7464, 86.9555,
107.7158

■ 16.1731, 8.6064,
1.0787

■ 16.0122, 8.3671,
0.7711

Harmonies

Analogous

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



31.0626, 30.1452, 33.5677



30.8675, 30.1452, 30.1783



30.0714, 30.1452, 27.6702

Triad

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



30.8675, 30.1452, 30.1783



26.7914, 30.1452, 28.9839



28.3948, 30.1452, 40.0102

Complementary

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



30.8675, 30.1452, 30.1783



31.9386, 35.9011, 41.8056

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.



27.2782, 30.1452, 38.5788



30.8675, 30.1452, 30.1783



26.3697, 30.1452, 32.0894

Square

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



30.8675, 30.1452, 30.1783



27.7131, 30.1452, 27.0158



26.5453, 30.1452, 35.6179



29.6121, 30.1452, 39.4079

Rectangle

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



30.8675, 30.1452, 30.1783



29.3187, 30.1452, 26.7531



26.5453, 30.1452, 35.6179



27.9957, 30.1452, 39.7479

Sweetspot

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



30.8683, 30.1465, 30.1789



62.5999, 64.5992, 68.8957



32.6604, 30.6213, 40.3619



13.8845, 14.2762, 15.1651



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.



30.8683, 30.1465, 30.1789



53.3834, 51.2329, 50.2033



32.7495, 33.9088, 30.8060



7.5553, 7.5907, 7.8562



12.2618, 6.4208, 0.5931



0.3060, 0.1715, 0.0170

Inverse Universe

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



31.9386, 35.9011, 41.8056



55.6454, 63.3961, 74.7791



29.8917, 31.8073, 41.1233



7.7203, 8.4775, 9.6478



14.9684, 21.3969, 31.3166



0.3721, 0.5364, 0.7646

Previews

White Background



This preview shows how the XYZ color 30.8675, 30.1452, 30.1783 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 30.8675, 30.1452, 30.1783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

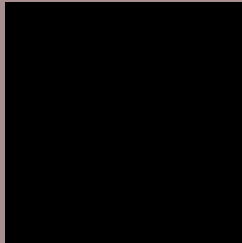
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.8675, 30.1452, 30.1783

Background



This preview shows how black text looks on a background with the XYZ color 30.8675, 30.1452, 30.1783.



This preview shows how white text looks on a background with the XYZ color 30.8675, 30.1452,

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

30.8675, 30.1452, 30.1783

Protanopia

29.0726, 30.3425, 31.5185

Deuteranopia

30.6571, 30.0367, 30.1685



Tritanopia

31.5712, 29.9707, 34.2579

Trichromacy



Original Color

30.8675, 30.1452, 30.1783

Protanomaly

29.6451, 30.1809, 31.0511

Deuteranomaly

30.6571, 30.0367, 30.1685

Tritanomaly

31.3957, 30.1397, 32.5966

Monochromacy



Original Color

30.8675, 30.1452, 30.1783

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

29.8398, 30.4860, 32.3286

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.8675, 30.1452, 30.1783 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(167, 144, 143)` looks like.

```
.text, #text, p{  
    color:rgb(167, 144, 143)  
}
```

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(167, 144, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 144, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.8675, 30.1452, 30.1783 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(167, 144, 143) }
```


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

```
.border{ border-color:rgb(167, 144, 143) }
```

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

Here you see how a box with a 4 pixel rgb(167, 144, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 144, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 144, 143);  
box-shadow:4px 4px 4px 4px rgb(167, 144,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.8675, 30.1452, 30.1783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 144, 143) }
```

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

```
.background{ background-color: rgb(167,  
144, 143) }
```

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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