

Converting Colors

XYZ(30.9291, 27.9998, 21.0229)

Have a look what the booklet for
XYZ(30.9291, 27.9998, 21.0229)
contains.

XYZ(30.9489, 28.0281, 20.9183)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.9489, 28.0281,
20.9183)**

Conversions

Conversions Part 1

Format	Color
Hex	B68576
RGB	182, 133, 118
RGB Percent	71%, 52%, 46%
CMY	0.2863, 0.4784, 0.5373
CMYK	0.00, 0.27, 0.35, 0.29
HSL	14°, 30%, 59%
HSV	14°, 35%, 71%
XYZ	30.9489, 28.0281, 20.9183
YIQ	145.9410, 34.0190, 5.7230

Conversions

Conversions Part 2

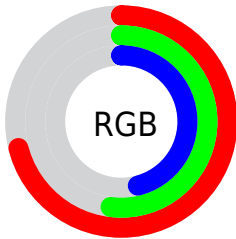
Format	Color
RYB	182, 138, 118
Decimal	11961718
CIELab	59.91, 16.77, 15.48
CIELCh	60, 22.823, 42.717
Yxy	28.0281, 0.3874, 0.3508
Android (android.graphics.Color)	4290151798 (0xFFB68576)
YUV	145.9410, -13.7749, 31.6237
Hunter-Lab	52.9416, 11.7008, 13.6324

Details

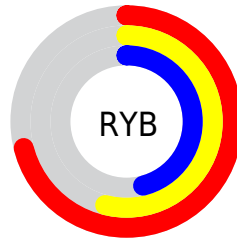
The XYZ color **30.9489, 28.0281, 20.9183** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.7329, 34.8651, 49.4185**, and the grayscale version is **27.3429, 28.7669, 31.3271**.

A 20% lighter version of the original color is **60.4112, 56.3708, 45.7268**, and **12.9511, 11.1407, 7.2621** is the 20% darker color. If you saturate the color by 10%, you get **28.1873, 24.0720, 15.1669**, and if you desaturate by 10%, it is **34.1737, 32.5765, 27.8543**.

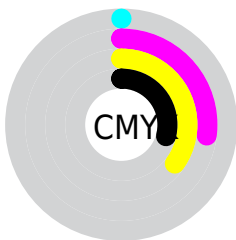
Distribution



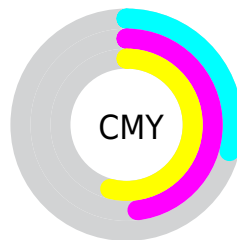
- Red (71%)
- Green (52%)
- Blue (46%)



- Red (71%)
- Yellow (54%)
- Blue (46%)



- Cyan (0%)
- Magenta (27%)
- Yellow (35%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.9489, 28.0281, 20.9183 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 30.9489, 28.0281, 20.9183 by changing the saturation by 10% instead.


 30.9489, 28.0281,
20.9183


 30.9489, 28.0281,
20.9183


298.1339,
292.6012, 269.6108


 20.7116, 18.3468,
12.8736


 60.5360, 56.5293,
45.8305

 13.0246, 11.1993,
7.2119


 80.6165, 76.1180,
63.5352

 7.5226, 6.2010,
3.5145


 104.7087, 99.7781,
85.2970

 3.8402, 2.9677,
1.3630

133.1781,
127.8937, 111.5343

 1.6122, 1.1149,
0.1126

166.3900,
160.8495, 142.6658

 0.4003, 0.0000,
0.0000

204.7096,

 0.0000, 0.0000,

199.0297, 179.1101

0.0000

248.5025,
242.8188, 221.2855

■ 30.9489, 28.0281,
20.9183

■ 30.9489, 28.0281,
20.9183

■ 28.1873, 24.0720,
15.1669

■ 34.1737, 32.5765,
27.8543

■ 25.8649, 20.6795,
10.5316

■ 37.8800, 37.7363,
36.0346

■ 23.9585, 17.8257,
6.9396


■ 42.0876, 43.5307,
45.5170


■ 22.4418, 15.4819,
4.3085


■ 46.8147, 49.9804,
56.3553


■ 21.2855, 13.6168,
2.5434


■ 52.0785, 57.1052,
68.5998


 20.4549, 12.1950,
1.5285

 57.8953, 64.9242,
82.2988

 20.1432, 11.6487,
1.1868

 64.2808, 73.4555,
97.4979

 69.8339, 82.1502,
106.7837

 73.1014, 88.6851,
107.8728

Harmonies

Analogous

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



32.4559, 28.0281, 27.1365



30.9489, 28.0281, 20.9183



28.3305, 28.0281, 17.6712

Triad

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



30.9489, 28.0281, 20.9183



21.6638, 28.0281, 26.0164



27.8860, 28.0281, 48.8900

Complementary

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



30.9489, 28.0281, 20.9183



29.7329, 34.8651, 49.4185

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.



25.0179, 28.0281, 48.4407



30.9489, 28.0281, 20.9183



21.5638, 28.0281, 34.1690

Square

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



30.9489, 28.0281, 20.9183



23.0344, 28.0281, 20.2270



22.7506, 28.0281, 42.6796



30.6032, 28.0281, 43.8141

Rectangle

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



30.9489, 28.0281, 20.9183



26.3765, 28.0281, 17.1874



22.7506, 28.0281, 42.6796



26.9050, 28.0281, 49.4034

Sweetspot

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



30.9496, 28.0294, 20.9189



71.6000, 72.4548, 71.8812



32.7512, 25.6947, 39.8250



15.5917, 15.6960, 15.3765



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.



30.9496, 28.0294, 20.9189



52.2568, 45.3061, 29.8639



36.0046, 38.1394, 22.6039



9.1710, 9.3449, 9.4273



14.2685, 8.3133, 0.8526



0.5516, 0.3903, 0.0463

Inverse Universe

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



29.7329, 34.8651, 49.4185



49.7103, 59.4796, 89.0964



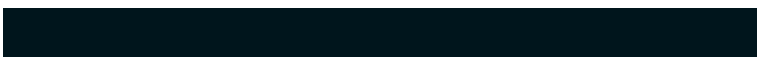
24.5882, 24.5758, 47.7036



9.0834, 9.8440, 11.5008



12.5695, 15.5986, 33.6014



0.4872, 0.6380, 1.1992

Previews

White Background



This preview shows how the XYZ color 30.9489, 28.0281, 20.9183 looks on a white background.

Color Contrast Check

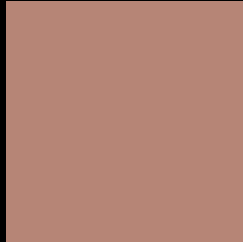
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9489, 28.0281, 20.9183 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 30.9489, 28.0281, 20.9183

Background



This preview shows how black text looks on a background with the XYZ color 30.9489, 28.0281, 20.9183.



This preview shows how white text looks on a background with the XYZ color 30.9489, 28.0281,

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

30.9489, 28.0281, 20.9183

Protanopia

26.5602, 28.0772, 23.0883

Deuteranopia

28.5920, 28.0744, 20.7416



Tritanopia

32.4834, 28.0491, 28.5129

Trichromacy



Original Color

30.9489, 28.0281, 20.9183

Protanomaly

27.9952, 27.9478, 22.3313

Deuteranomaly

29.3901, 28.0599, 20.6967

Tritanomaly

31.8096, 27.9658, 25.5512

Monochromacy



Original Color

30.9489, 28.0281, 20.9183

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.2669, 28.1983, 27.2455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9489, 28.0281, 20.9183 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(182, 133, 118)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 118)  
}
```

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(182, 133, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 118) }
```

Border

The CSS property to change the border of an element to XYZ 30.9489, 28.0281, 20.9183 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(182, 133, 118) }
```


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

```
.border{ border-color:rgb(182, 133, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 118);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9489, 28.0281, 20.9183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 118) }
```

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

```
.background{ background-color: rgb(182,  
133, 118) }
```

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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