

Converting Colors

XYZ(27.8876, 26.6840, 6.0498)

Have a look what the booklet for
XYZ(27.8876, 26.6840, 6.0498)
contains.

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Color

**XYZ(27.8982, 26.7807,
6.0817)**

Conversions

Conversions Part 1

Format	Color
Hex	B5852C
RGB	181, 133, 44
RGB Percent	71%, 52%, 17%
CMY	0.2902, 0.4784, 0.8274
CMYK	0.00, 0.27, 0.76, 0.29
HSL	39°, 61%, 44%
HSV	39°, 76%, 71%
XYZ	27.8982, 26.7807, 6.0817
YIQ	137.2060, 57.1770, -17.5030

Conversions

Conversions Part 2

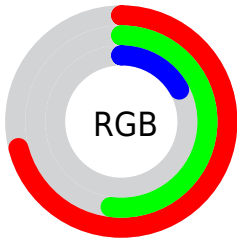
Format	Color
RYB	118, 181, 44
Decimal	11896108
CIELab	58.77, 10.00, 52.46
CIElCh	59, 53.409, 79.207
Yxy	26.7807, 0.4591, 0.4408
Android (android.graphics.Color)	4290086188 (0xFFB5852C)
YUV	137.2060, -45.9506, 38.4073
Hunter-Lab	51.7501, 5.6658, 29.2573

Details

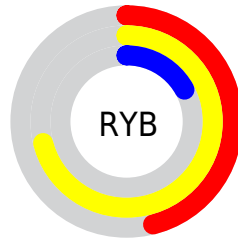
The XYZ color **27.8982, 26.7807, 6.0817** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **13.2062, 11.5255, 45.2443**, and the grayscale version is **24.0099, 25.2603, 27.5085**.

A 20% lighter version of the original color is **55.6054, 54.4876, 18.6528**, and **11.4825, 10.6257, 1.4458** is the 20% darker color. If you saturate the color by 10%, you get **26.7873, 24.9900, 4.3833**, and if you desaturate by 10%, it is **29.2110, 28.7383, 8.5797**.

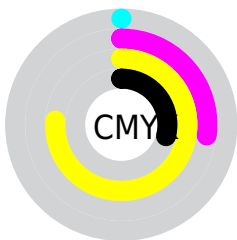
Distribution



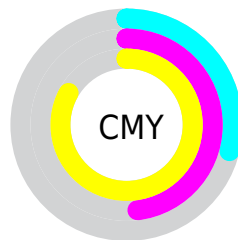
- Red (71%)
- Green (52%)
- Blue (17%)



- Red (46%)
- Yellow (71%)
- Blue (17%)



- Cyan (0%)
- Magenta (27%)
- Yellow (76%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.8982, 26.7807, 6.0817 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 27.8982, 26.7807, 6.0817 by changing the saturation by 10% instead.


 27.8982, 26.7807,
6.0817


 27.8982, 26.7807,
6.0817


284.0691,
286.5937, 169.1295


 18.3890, 17.4086,
2.8252


 55.7317, 54.5318,
18.5808


 11.3310, 10.5262,
1.0061


 74.7866, 73.6795,
28.6606

 6.3589, 5.7492,
0.0000


 97.7542, 96.8546,
41.8518

 3.1072, 2.6932,
0.0000

 124.9998,
124.4414, 58.5731

 1.2107, 0.9737,
0.0000

 156.8887,
156.8243, 79.2429

 0.1148, 0.0000,
0.0000

 193.7863,

 0.0000, 0.0000,

194.3877, 104.2799

0.0000

236.0580,
237.5161, 134.1026

■ 27.8982, 26.7807,
6.0817

■ 27.8982, 26.7807,
6.0817

■ 26.7873, 24.9900,
4.3833

■ 29.2110, 28.7383,
8.5797

■ 25.8541, 23.3516,
3.3687

■ 30.7421, 30.8673,
11.9665

■ 25.4861, 22.6841,
3.0352

■ 32.5076, 33.1769,
16.3209

■ 34.5217, 35.6739,
21.7124

■ 36.7970, 38.3648,
28.2043

■ 39.3455, 41.2556,
35.8547

■ 42.1780, 44.3520,
44.7175

■ 45.3049, 47.6594,
54.8432

■ 48.7359, 51.1829,
66.2797

Harmonies

Analogous

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



34.6492, 26.7807, 9.4279



27.8982, 26.7807, 6.0817



21.5139, 26.7807, 6.5787

Triad

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



27.8982, 26.7807, 6.0817



15.2766, 26.7807, 42.7816



36.2870, 26.7807, 59.8243

Complementary

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



27.8982, 26.7807, 6.0817



13.2062, 11.5255, 45.2443

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.



29.8485, 26.7807, 78.5198



27.8982, 26.7807, 6.0817



18.0495, 26.7807, 66.1033

Square

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



27.8982, 26.7807, 6.0817



14.9372, 26.7807, 22.8860



23.1574, 26.7807, 81.2140



40.0184, 26.7807, 36.4862

Rectangle

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



27.8982, 26.7807, 6.0817



18.2636, 26.7807, 9.1275



23.1574, 26.7807, 81.2140



34.3208, 26.7807, 67.2219

Sweetspot

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



27.8988, 26.7820, 6.0822



66.9111, 69.8722, 53.4838



21.9876, 12.4377, 11.8869



14.1275, 14.7156, 10.5772



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.8988, 26.7820, 6.0822



46.8032, 42.7242, 6.4948



32.0281, 40.9877, 8.6066



8.9415, 9.3955, 8.9948



17.6366, 15.7718, 2.1147



0.6071, 0.6007, 0.0839

Inverse Universe

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



13.2062, 11.5255, 45.2443



19.4235, 14.4841, 80.0666



11.2448, 6.1706, 44.3141



8.2774, 8.7010, 10.7495



7.0504, 4.9012, 30.7114



0.2779, 0.2663, 0.9850

Previews

White Background



This preview shows how the XYZ color 27.8982, 26.7807, 6.0817 looks on a white background.

Color Contrast Check

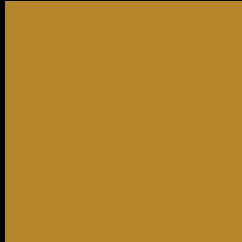
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8982, 26.7807, 6.0817 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 27.8982, 26.7807, 6.0817

Background



This preview shows how black text looks on a background with the XYZ color 27.8982, 26.7807, 6.0817.



This preview shows how white text looks on a background with the XYZ color 27.8982, 26.7807,

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

27.8982, 26.7807, 6.0817

Protanopia

24.4642, 26.9142, 6.4903

Deuteranopia

27.4601, 26.9673, 6.0434



Tritanopia

32.0042, 26.7013, 26.0213

Trichromacy



Original Color

27.8982, 26.7807, 6.0817

Protanomaly

25.6426, 26.8702, 6.3176

Deuteranomaly

27.5515, 26.8083, 6.0079

Tritanomaly

29.9459, 26.4326, 15.8356

Monochromacy



Original Color

27.8982, 26.7807, 6.0817

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.3892, 25.3599, 16.4415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.8982, 26.7807, 6.0817 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(181, 133, 44)` looks like.

```
.text, #text, p{  
    color:rgb(181, 133, 44)  
}
```

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(181, 133, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 133, 44) }
```

Border

The CSS property to change the border of an element to XYZ 27.8982, 26.7807, 6.0817 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(181, 133, 44) }
```


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

```
.border{ border-color:rgb(181, 133, 44) }
```

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

Here you see how a box with a 4 pixel rgb(181, 133, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 133, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 133, 44);  
box-shadow:4px 4px 4px 4px rgb(181, 133,  
44) }
```

Background

The CSS property to change the background color of an element to XYZ 27.8982, 26.7807, 6.0817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 133, 44) }
```

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

```
.background{ background-color: rgb(181,  
133, 44) }
```

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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