

Converting Colors

XYZ(27.2192, 25.0555, 6.9312)

Have a look what the booklet for
XYZ(27.2192, 25.0555, 6.9312)
contains.

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Color

**XYZ(27.1828, 25.0118,
6.8851)**

Conversions

Conversions Part 1

Format	Color
Hex	B57E36
RGB	181, 126, 54
RGB Percent	71%, 49%, 21%
CMY	0.2902, 0.5059, 0.7882
CMYK	0.00, 0.30, 0.70, 0.29
HSL	34°, 54%, 46%
HSV	34°, 70%, 71%
XYZ	27.1828, 25.0118, 6.8851
YIQ	134.2370, 55.8920, -10.7320

Conversions

Conversions Part 2

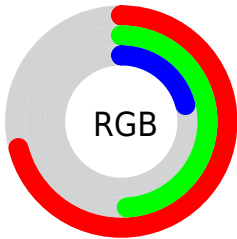
Format	Color
RYB	151, 181, 54
Decimal	11894326
CIELab	57.09, 14.39, 46.33
CIElCh	57, 48.517, 72.741
Yxy	25.0118, 0.4601, 0.4234
Android (android.graphics.Color)	4290084406 (0xFFB57E36)
YUV	134.2370, -39.5568, 41.0112
Hunter-Lab	50.0118, 9.4991, 26.8458

Details

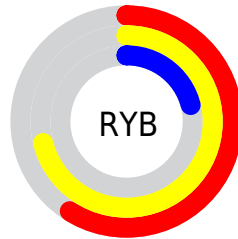
The XYZ color **27.1828, 25.0118, 6.8851** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **15.3302, 15.0571, 45.8142**, and the grayscale version is **22.8745, 24.0657, 26.2076**.

A 20% lighter version of the original color is **54.5540, 51.7649, 20.2130**, and **10.9661, 9.5928, 1.2736** is the 20% darker color. If you saturate the color by 10%, you get **25.8710, 22.9467, 4.7269**, and if you desaturate by 10%, it is **28.7324, 27.2997, 9.9034**.

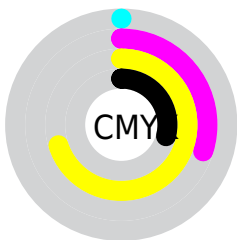
Distribution



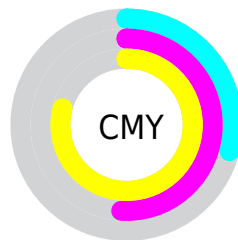
- Red (71%)
- Green (49%)
- Blue (21%)



- Red (59%)
- Yellow (71%)
- Blue (21%)



- Cyan (0%)
- Magenta (30%)
- Yellow (70%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.1828, 25.0118, 6.8851 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 27.1828, 25.0118, 6.8851 by changing the saturation by 10% instead.


 27.1828, 25.0118,
6.8851


 27.1828, 25.0118,
6.8851


280.6926,
277.8967, 176.3001


 17.8479, 16.0858,
3.3130


 54.5949, 51.6764,
20.2506

 10.9398, 9.5849,
1.2566


 73.4027, 70.1838,
30.8811


 6.0934, 5.1246,
0.0258


 96.0989, 92.6538,
44.7014

 2.9431, 2.3206,
0.0000

 123.0488,
119.4708, 62.1302

 1.1238, 0.7846,
0.0000

 154.6178,
151.0192, 83.5859

 0.0449, 0.0000,
0.0000

 191.1712,

 0.0000, 0.0000,

187.6834, 109.4871

0.0000

233.0743,
229.8478, 140.2523

■ 27.1828, 25.0118,
6.8851

■ 27.1828, 25.0118,
6.8851

■ 25.8710, 22.9467,
4.7269

■ 28.7324, 27.2997,
9.9034

■ 24.7750, 21.0897,
3.3288

■ 30.5357, 29.8165,
13.8638

■ 23.8685, 19.4488,
2.4960

■ 32.6086, 32.5723,
18.8402

■ 34.9653, 35.5753,
24.8988

■ 37.6188, 38.8333,
32.1000

■ 40.5811, 42.3535,
40.4998

■ 43.8635, 46.1429,
50.1505

■ 47.4768, 50.2081,
61.1012

■ 51.4311, 54.5553,
73.3983

Harmonies

Analogous

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



32.7864, 25.0118, 10.9773



27.1828, 25.0118, 6.8851



21.4319, 25.0118, 6.6317

Triad

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



27.1828, 25.0118, 6.8851



14.5885, 25.0118, 34.7771



32.0338, 25.0118, 57.4841

Complementary

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



27.1828, 25.0118, 6.8851



15.3302, 15.0571, 45.8142

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.



26.2786, 25.0118, 70.8797



27.1828, 25.0118, 6.8851



16.5843, 25.0118, 54.6473

Square

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



27.1828, 25.0118, 6.8851



14.7509, 25.0118, 18.9265



20.6609, 25.0118, 69.6724



35.8803, 25.0118, 37.6728

Rectangle

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



27.1828, 25.0118, 6.8851



18.3136, 25.0118, 8.4186



20.6609, 25.0118, 69.6724



30.2220, 25.0118, 63.1855

Sweetspot

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



27.1834, 25.0131, 6.8856



66.7825, 68.8335, 55.8504



23.1374, 13.5671, 15.8770



14.1480, 14.5290, 11.2858



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.



27.1834, 25.0131, 6.8856



45.2607, 39.3096, 6.9967



34.3202, 42.1451, 9.8162



8.8828, 9.2780, 8.9752



16.5245, 13.5475, 1.7440



0.5766, 0.5396, 0.0738

Inverse Universe

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



15.3302, 15.0571, 45.8142



22.7871, 20.5126, 81.0529



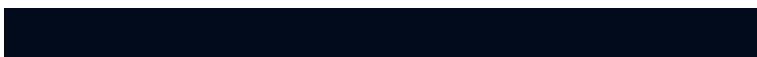
11.6759, 7.0141, 44.4544



8.3345, 8.8153, 10.7686



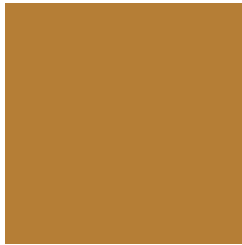
7.7129, 6.2262, 30.9323



0.3011, 0.3127, 0.9927

Previews

White Background



This preview shows how the XYZ color 27.1828, 25.0118, 6.8851 looks on a white background.

Color Contrast Check

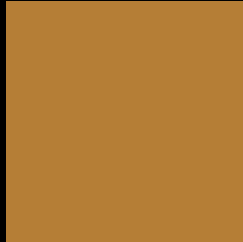
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1828, 25.0118, 6.8851 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 27.1828, 25.0118, 6.8851

Background



This preview shows how black text looks on a background with the XYZ color 27.1828, 25.0118, 6.8851.



This preview shows how white text looks on a background with the XYZ color 27.1828, 25.0118,

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

27.1828, 25.0118, 6.8851

Protanopia

22.9639, 25.2447, 7.5333

Deuteranopia

25.5535, 25.1476, 6.8753



Tritanopia

30.5589, 24.9283, 23.2797

Trichromacy



Original Color

27.1828, 25.0118, 6.8851

Protanomaly

24.3432, 25.1222, 7.3074

Deuteranomaly

26.1721, 25.0715, 6.8280

Tritanomaly

28.9048, 24.7852, 15.3172

Monochromacy



Original Color

27.1828, 25.0118, 6.8851

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.4286, 23.8318, 16.7298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.1828, 25.0118, 6.8851 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, 126, 54)` looks like.

```
.text, #text, p{  
    color:rgb(181, 126, 54)  
}
```

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, 126, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 126, 54) }
```

Border

The CSS property to change the border of an element to XYZ 27.1828, 25.0118, 6.8851 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, 126, 54) }
```


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

```
.border{ border-color:rgb(181, 126, 54) }
```

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

Here you see how a box with a 4 pixel rgb(181, 126, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 126, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 126, 54);  
box-shadow:4px 4px 4px 4px rgb(181, 126,  
54) }
```

Background

The CSS property to change the background color of an element to XYZ 27.1828, 25.0118, 6.8851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 126, 54) }
```

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

```
.background{ background-color: rgb(181,  
126, 54) }
```

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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