

Converting Colors

XYZ(27.4020, 26.6256, 11.5601)

Have a look what the booklet for
XYZ(27.4020, 26.6256, 11.5601)
contains.

XYZ(27.4659, 26.6429, 11.4796)	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(27.4659, 26.6429,
11.4796)**

Conversions

Conversions Part 1

Format	Color
Hex	AE8651
RGB	174, 134, 81
RGB Percent	68%, 53%, 32%
CMY	0.3176, 0.4745, 0.6823
CMYK	0.00, 0.23, 0.53, 0.32
HSL	34°, 36%, 50%
HSV	34°, 53%, 68%
XYZ	27.4659, 26.6429, 11.4796
YIQ	139.9180, 40.8530, -8.0030

Conversions

Conversions Part 2

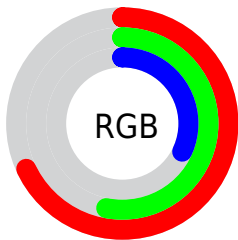
Format	Color
RYB	151, 174, 81
Decimal	11437649
CIELab	58.64, 8.83, 34.21
CIELCh	59, 35.332, 75.528
Yxy	26.6429, 0.4188, 0.4062
Android (android.graphics.Color)	4289627729 (0xFFAE8651)
YUV	139.9180, -29.0466, 29.8899
Hunter-Lab	51.6168, 4.6527, 22.9456

Details

The XYZ color **27.4659, 26.6429, 11.4796** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **17.8705, 18.4795, 42.6695**, and the grayscale version is **24.9941, 26.2957, 28.6360**.

A 20% lighter version of the original color is **55.1458, 54.3351, 29.0540**, and **11.1450, 10.5344, 2.9593** is the 20% darker color. If you saturate the color by 10%, you get **25.8974, 24.4197, 8.1398**, and if you desaturate by 10%, it is **29.2761, 29.0820, 15.7254**.

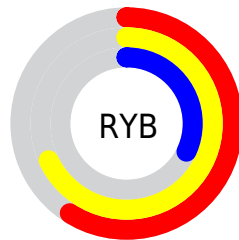
Distribution



Red (68%)

Green (53%)

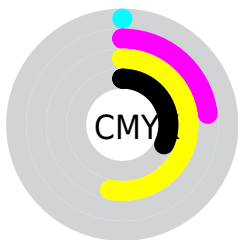
Blue (32%)



Red (59%)

Yellow (68%)

Blue (32%)

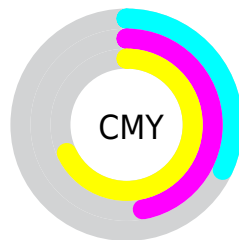


Cyan (0%)

Magenta (23%)

Yellow (53%)

Black (32%)



Cyan (32%)


Magenta (47%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.4659, 26.6429, 11.4796 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 27.4659, 26.6429, 11.4796 by changing the saturation by 10% instead.


 27.4659, 26.6429,
11.4796

 27.4659, 26.6429,
11.4796


282.0325,
285.9239, 211.7832


 18.0618, 17.3052,
6.2722

 55.0452, 54.3103,
29.1938


 11.0943, 10.4523,
2.9398


 73.9512, 73.4088,
42.5376


 6.1981, 5.6999,
1.0640


 96.7551, 96.5297,
59.4307

 3.0077, 2.6635,
0.0000

 123.8225,
124.0574, 80.2915

 1.1578, 0.9587,
0.0000

 155.5185,
156.3763, 105.5386

 0.0727, 0.0000,
0.0000

192.2086,

 0.0000, 0.0000,

193.8707, 135.5905

0.0000

234.2582,
236.9251, 170.8659

■ 27.4659, 26.6429,
11.4796

■ 27.4659, 26.6429,
11.4796

■ 25.8974, 24.4197,
8.1398

■ 29.2761, 29.0820,
15.7254

■ 24.5540, 22.4002,
5.6352

■ 31.3393, 31.7407,
20.9374

■ 23.4201, 20.5767,
3.8869

■ 33.6680, 34.6273,
27.1727

■ 22.4759, 18.9388,
2.7999

■ 36.2734, 37.7486,
34.4833

■ 21.9333, 17.9542,
2.3095

■ 39.1661, 41.1108,
42.9176

■ 42.3558, 44.7200,
52.5211

■ 45.8520, 48.5820,
63.3368

■ 49.6635, 52.7024,
75.4054

■ 53.7988, 57.0865,
88.7658

Harmonies

Analogous

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



31.6291, 26.6429, 15.0817



27.4659, 26.6429, 11.4796



23.1548, 26.6429, 11.5412

Triad

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



27.4659, 26.6429, 11.4796



18.1055, 26.6429, 35.8878



31.7554, 26.6429, 49.1739

Complementary

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



27.4659, 26.6429, 11.4796



17.8705, 18.4795, 42.6695

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.



27.6231, 26.6429, 58.6572



27.4659, 26.6429, 11.4796



19.9168, 26.6429, 49.6182

Square

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



27.4659, 26.6429, 11.4796



18.0737, 26.6429, 23.4389



23.2951, 26.6429, 58.8397



34.2908, 26.6429, 35.3996

Rectangle

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



27.4659, 26.6429, 11.4796



20.7780, 26.6429, 13.5857



23.2951, 26.6429, 58.8397



30.4873, 26.6429, 53.1227

Sweetspot

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



27.4665, 26.6442, 11.4801



64.4041, 66.8228, 58.5852



23.8678, 16.2717, 20.0689



14.1006, 14.5967, 12.4180



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.4665, 26.6442, 11.4801



46.5366, 43.6517, 13.8962



32.7273, 39.1692, 13.6204



8.3698, 8.7444, 8.4601



15.9682, 13.1419, 1.6950



0.4972, 0.4715, 0.0648

Inverse Universe

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



17.8705, 18.4795, 42.6695



27.3109, 27.3215, 76.4710



14.5319, 10.9771, 41.3973



7.8515, 8.3025, 10.1414



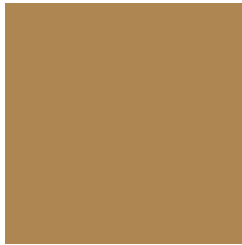
7.4147, 5.9632, 29.8047



0.2613, 0.2759, 0.8475

Previews

White Background



This preview shows how the XYZ color 27.4659, 26.6429, 11.4796 looks on a white background.

Color Contrast Check

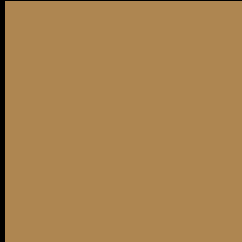
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4659, 26.6429, 11.4796 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 27.4659, 26.6429, 11.4796

Background



This preview shows how black text looks on a background with the XYZ color 27.4659, 26.6429, 11.4796.



This preview shows how white text looks on a background with the XYZ color 27.4659, 26.6429,

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

27.4659, 26.6429, 11.4796

Protanopia

24.6427, 26.6584, 12.2343

Deuteranopia

27.1624, 26.6927, 11.5052



Tritanopia

30.6951, 26.5686, 27.1774

Trichromacy



Original Color

27.4659, 26.6429, 11.4796

Protanomaly

25.5501, 26.4829, 11.9487

Deuteranomaly

27.3828, 26.8063, 11.5155

Tritanomaly

29.3250, 26.5967, 20.4177

Monochromacy



Original Color

27.4659, 26.6429, 11.4796

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.3671, 26.1843, 21.1698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.4659, 26.6429, 11.4796 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(174, 134, 81)` looks like.

```
.text, #text, p{  
    color:rgb(174, 134, 81)  
}
```

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(174, 134, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 134, 81) }
```

Border

The CSS property to change the border of an element to XYZ 27.4659, 26.6429, 11.4796 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(174, 134, 81) }
```


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

```
.border{ border-color:rgb(174, 134, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 134, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 134, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 134, 81);  
box-shadow:4px 4px 4px 4px rgb(174, 134,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 27.4659, 26.6429, 11.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 134, 81) }
```

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

```
.background{ background-color: rgb(174,  
134, 81) }
```

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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