

Converting Colors

XYZ(27.8603, 26.0050, 16.6596)

Have a look what the booklet for
XYZ(27.8603, 26.0050, 16.6596)
contains.

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Color

**XYZ(27.7149, 25.8490,
16.6253)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8268
RGB	173, 130, 104
RGB Percent	68%, 51%, 41%
CMY	0.3216, 0.4902, 0.5922
CMYK	0.00, 0.25, 0.40, 0.32
HSL	23°, 30%, 54%
HSV	23°, 40%, 68%
XYZ	27.7149, 25.8490, 16.6253
YIQ	139.8930, 33.9740, 1.0300

Conversions

Conversions Part 2

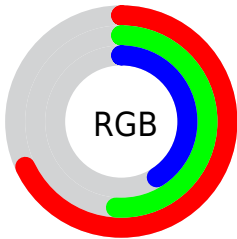
Format	Color
R _Y B	173, 146, 104
Decimal	11371112
CIE Lab	57.89, 13.05, 20.51
CIE LCh	58, 24.308, 57.520
Yxy	25.8490, 0.3949, 0.3683
Android (android.graphics.Color)	4289561192 (0xFFAD8268)
YUV	139.8930, -17.6952, 29.0348
Hunter-Lab	50.8419, 8.3304, 16.2015

Details

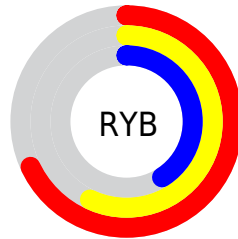
The XYZ color **27.7149, 25.8490, 16.6253** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.6850, 26.8265, 43.4648**, and the grayscale version is **24.9436, 26.2426, 28.5782**.

A 20% lighter version of the original color is **55.4830, 53.0565, 38.3270**, and **11.2887, 10.1022, 5.2258** is the 20% darker color. If you saturate the color by 10%, you get **25.5652, 22.8146, 12.0092**, and if you desaturate by 10%, it is **30.1964, 29.2585, 22.2420**.

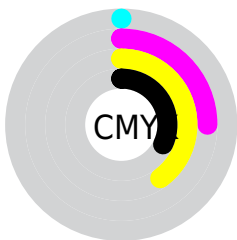
Distribution



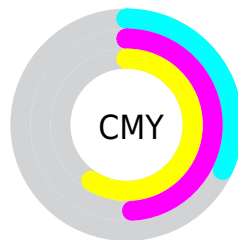
- Red (68%)
- Green (51%)
- Blue (41%)



- Red (68%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (32%)



- Cyan (32%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.7149, 25.8490, 16.6253 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 27.7149, 25.8490, 16.6253 by changing the saturation by 10% instead.


 27.7149, 25.8490,
16.6253


 27.7149, 25.8490,
16.6253


283.2069,
282.0400, 244.9742


 18.2502, 16.7107,
9.8086


 55.4408, 53.0312,
38.4622


 11.2306, 10.0285,
5.1683


 74.4327, 71.8440,
54.3194

 6.2906, 5.4178,
2.2859


 97.3310, 94.6503,
74.0273

 3.0649, 2.4944,
0.7233

 124.5012,
121.8347, 98.0042

 1.1882, 0.8739,
0.0000

156.3085,
153.7815, 126.6688

 0.0970, 0.0000,
0.0000

193.1183,

 0.0000, 0.0000,

190.8750, 160.4397

0.0000

235.2960,
233.4997, 199.7353

■ 27.7149, 25.8490,
16.6253

■ 27.7149, 25.8490,
16.6253

■ 25.5652, 22.8146,
12.0092

■ 30.1964, 29.2585,
22.2420

■ 23.7298, 20.1380,
8.3321

■ 33.0224, 33.0522,
28.9128

■ 22.1920, 17.8057,
5.5280

■ 36.2071, 37.2436,
36.6890

■ 20.9328, 15.8020,
3.5215

■ 39.7635, 41.8443,
45.6182

■ 19.9303, 14.1095,
2.2241

■ 43.7035, 46.8656,
55.7453

■ 19.1436, 12.7025,
1.4486

■ 48.0390, 52.3179,
67.1127

■ 19.1353, 12.6877,
1.4404

■ 52.7808, 58.2117,
79.7606

■ 57.9398, 64.5569,
93.7275

■ 62.7597, 71.0566,
105.0152

Harmonies

Analogous

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



29.9025, 25.8490, 21.3385



27.7149, 25.8490, 16.6253



24.8129, 25.8490, 14.9235

Triad

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



27.7149, 25.8490, 16.6253



19.3665, 25.8490, 27.4537



27.2605, 25.8490, 44.9859

Complementary

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



27.7149, 25.8490, 16.6253



23.6850, 26.8265, 43.4648

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.



24.3261, 25.8490, 47.5026



27.7149, 25.8490, 16.6253



19.9101, 25.8490, 36.2642

Square

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



27.7149, 25.8490, 16.6253



20.1225, 25.8490, 20.3502



21.6701, 25.8490, 44.0395



29.6259, 25.8490, 37.7129

Rectangle

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



27.7149, 25.8490, 16.6253



22.9140, 25.8490, 15.4083



21.6701, 25.8490, 44.0395



26.3012, 25.8490, 46.4722

Sweetspot

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



27.7156, 25.8502, 16.6258



63.4602, 64.8910, 62.2878



27.5056, 20.9137, 30.4798



13.6336, 13.8954, 13.1490



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.7156, 25.8502, 16.6258



46.1618, 41.3976, 22.2911



32.9720, 36.3631, 18.3780



8.2433, 8.4915, 8.4179



14.1090, 9.4235, 1.0753



0.4461, 0.3693, 0.0478

Inverse Universe

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



23.6850, 26.8265, 43.4648



37.9035, 43.3645, 77.1782



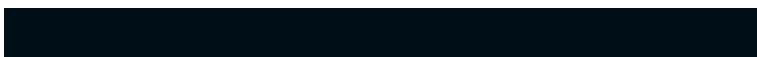
19.1794, 17.8154, 41.9630



7.9789, 8.5571, 10.1839



9.5218, 10.1775, 30.5071



0.3153, 0.3839, 0.8655

Previews

White Background



This preview shows how the XYZ color 27.7149, 25.8490, 16.6253 looks on a white background.

Color Contrast Check

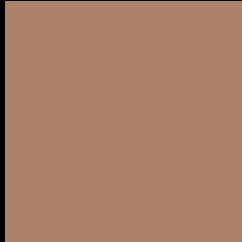
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7149, 25.8490, 16.6253 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 27.7149, 25.8490, 16.6253

Background



This preview shows how black text looks on a background with the XYZ color 27.7149, 25.8490, 16.6253.



This preview shows how white text looks on a background with the XYZ color 27.7149, 25.8490,

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

27.7149, 25.8490, 16.6253

Protanopia

24.3338, 25.9375, 17.9113

Deuteranopia

26.4903, 26.0288, 16.4598



Tritanopia

29.7385, 25.9011, 26.3537

Trichromacy



Original Color

27.7149, 25.8490, 16.6253

Protanomaly

25.5586, 25.9390, 17.5696

Deuteranomaly

26.9842, 26.0792, 16.4435

Tritanomaly

28.9067, 25.7479, 22.5151

Monochromacy



Original Color

27.7149, 25.8490, 16.6253

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

25.5838, 25.8160, 23.7133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7149, 25.8490, 16.6253 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(173, 130, 104)` looks like.

```
.text, #text, p{  
    color:rgb(173, 130, 104)  
}
```

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(173, 130, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 130, 104) }
```

Border

The CSS property to change the border of an element to XYZ 27.7149, 25.8490, 16.6253 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(173, 130, 104) }
```


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

```
.border{ border-color:rgb(173, 130, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 130, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 130, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 130, 104);  
box-shadow:4px 4px 4px 4px rgb(173, 130,  
104) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7149, 25.8490, 16.6253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 130, 104) }
```

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

```
.background{ background-color: rgb(173,  
130, 104) }
```

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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