

Converting Colors

XYZ(33.6073, 28.8737, 17.4371)

Have a look what the booklet for
XYZ(33.6073, 28.8737, 17.4371)
contains.

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Color

**XYZ(33.6101, 28.8762,
17.4379)**

Conversions

Conversions Part 1

Format	Color
Hex	C5826A
RGB	197, 130, 106
RGB Percent	77%, 51%, 42%
CMY	0.2275, 0.4902, 0.5843
CMYK	0.00, 0.34, 0.46, 0.23
HSL	16°, 44%, 59%
HSV	16°, 46%, 77%
XYZ	33.6101, 28.8762, 17.4379
YIQ	147.2970, 47.6360, 6.7400

Conversions

Conversions Part 2

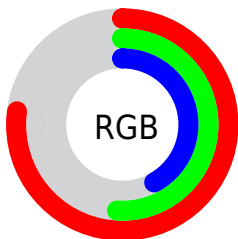
Format	Color
R_{YB}	197, 139, 106
Decimal	12943978
CIE Lab	60.67, 23.09, 23.58
CIE LCh	61, 33.004, 45.604
Yxy	28.8762, 0.4205, 0.3613
Android (android.graphics.Color)	4291134058 (0xFFC5826A)
YUV	147.2970, -20.3594, 43.5895
Hunter-Lab	53.7366, 17.6057, 18.3756

Details

The XYZ color **33.6101, 28.8762, 17.4379** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **30.9647, 36.9809, 58.3292**, and the grayscale version is **27.9247, 29.3789, 31.9937**.

A 20% lighter version of the original color is **64.2593, 57.5613, 39.6219**, and **14.4476, 11.6183, 5.4841** is the 20% darker color. If you saturate the color by 10%, you get **30.9059, 24.9233, 12.0496**, and if you desaturate by 10%, it is **36.8230, 33.4699, 24.1573**.

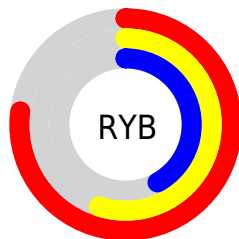
Distribution



Red (77%)

Green (51%)

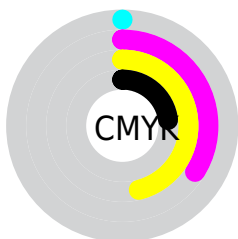
Blue (42%)



Red (77%)

Yellow (55%)

Blue (42%)

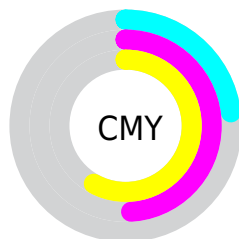


Cyan (0%)

Magenta (34%)

Yellow (46%)

Black (23%)



Cyan (23%)


Magenta (49%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.6101, 28.8762, 17.4379 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 33.6101, 28.8762, 17.4379 by changing the saturation by 10% instead.


 33.6101, 28.8762,
17.4379


 33.6101, 28.8762,
17.4379


310.0066,
296.6304, 249.8122


 22.7557, 18.9872,
10.3819


 64.6752, 57.8803,
39.8781


 14.5329, 11.6610,
5.5440


 85.6166, 77.7642,
56.0994

 8.5764, 6.5133,
2.5056


 110.6511,
101.7486, 76.2129

 4.5208, 3.1596,
0.8431

 140.1440,
130.2177, 100.6371

 2.0008, 1.2156,
0.0000

174.4606,
163.5561, 129.7906

 0.6344, 0.0744,
0.0000

213.9663,

 0.0000, 0.0000,

202.1481, 164.0919

0.0000

259.0265,
246.3780, 203.9596

■ 33.6101, 28.8762,
17.4379

■ 33.6101, 28.8762,
17.4379

■ 30.9059, 24.9233,
12.0496

■ 36.8230, 33.4699,
24.1573

■ 28.6806, 21.5779,
7.9010

■ 40.5679, 38.7275,
32.2875

■ 26.9045, 18.8097,
4.8915


■ 44.8693, 44.6758,
41.9040


■ 25.5429, 16.5840,
2.9039


■ 49.7491, 51.3392,
53.0763


■ 24.5544, 14.8615,
1.7898


■ 55.2285, 58.7406,
65.8696

 24.2524, 14.3232,
1.4864

 61.3272, 66.9020,
80.3451

 68.0642, 75.8444,
96.5612

 74.0415, 85.0215,
107.1161

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



36.1519, 28.8762, 25.5227



33.6101, 28.8762, 17.4379



29.5416, 28.8762, 13.7026

Triad

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



33.6101, 28.8762, 17.4379



20.2269, 28.8762, 25.9421



29.7177, 28.8762, 60.0143

Complementary

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



33.6101, 28.8762, 17.4379



30.9647, 36.9809, 58.3292

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.



25.4519, 28.8762, 60.2122



33.6101, 28.8762, 17.4379



20.2635, 28.8762, 38.2106

Square

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



33.6101, 28.8762, 17.4379



21.9799, 28.8762, 17.6759



22.0857, 28.8762, 51.4481



33.7505, 28.8762, 50.9624

Rectangle

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



33.6101, 28.8762, 17.4379



26.6508, 28.8762, 13.3454



22.0857, 28.8762, 51.4481



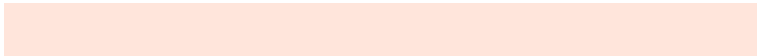
28.2568, 28.8762, 61.1842

Sweetspot

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



33.6108, 28.8776, 17.4385



82.0068, 82.2725, 78.7831



35.8444, 25.2444, 43.1558



17.1633, 17.0751, 15.9792



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



33.6108, 28.8776, 17.4385



55.5072, 44.8662, 21.8788



40.8119, 43.2797, 19.8388



10.8576, 11.0844, 11.1300



16.0109, 9.5391, 0.9974



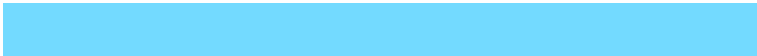
0.8193, 0.5741, 0.0676

Inverse Universe

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



30.9647, 36.9809, 58.3292



50.1598, 60.9927, 103.7368



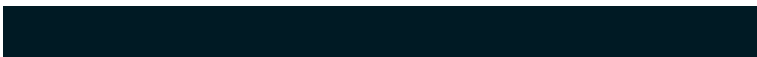
23.8395, 22.7304, 55.9541



10.7009, 11.5758, 13.5878



13.3633, 16.1206, 37.1516



0.6896, 0.8769, 1.7781

Previews

White Background



This preview shows how the XYZ color 33.6101, 28.8762, 17.4379 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 33.6101, 28.8762, 17.4379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

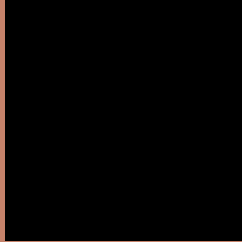
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 33.6101, 28.8762, 17.4379

Background



This preview shows how black text looks on a background with the XYZ color 33.6101, 28.8762, 17.4379.



This preview shows how white text looks on a background with the XYZ color 33.6101, 28.8762,

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

33.6101, 28.8762, 17.4379

Protanopia

27.3190, 29.2278, 19.8244

Deuteranopia

29.4791, 29.0479, 17.1498



Tritanopia

35.3872, 28.8131, 26.6180

Trichromacy



Original Color

33.6101, 28.8762, 17.4379

Protanomaly

29.3526, 28.9462, 18.7920

Deuteranomaly

30.7869, 28.8563, 17.3118

Tritanomaly

34.5162, 28.6397, 22.7776

Monochromacy



Original Color

33.6101, 28.8762, 17.4379

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

29.2068, 28.7150, 25.8330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6101, 28.8762, 17.4379 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(197, 130, 106)` looks like.

```
.text, #text, p{  
    color:rgb(197, 130, 106)  
}
```

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(197, 130, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 130, 106) }
```

Border

The CSS property to change the border of an element to XYZ 33.6101, 28.8762, 17.4379 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(197, 130, 106) }
```


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

```
.border{ border-color:rgb(197, 130, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 130, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 130, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 130, 106);  
box-shadow:4px 4px 4px 4px rgb(197, 130,  
106) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6101, 28.8762, 17.4379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 130, 106) }
```

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

```
.background{ background-color: rgb(197,  
130, 106) }
```

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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