

Converting Colors

XYZ(30.3618, 27.8060, 17.7046)

Have a look what the booklet for
XYZ(30.3618, 27.8060, 17.7046)
contains.

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Color

**XYZ(30.3328, 27.7817,
17.6736)**

Conversions

Conversions Part 1

Format	Color
Hex	B6856B
RGB	182, 133, 107
RGB Percent	71%, 52%, 42%
CMY	0.2863, 0.4784, 0.5804
CMYK	0.00, 0.27, 0.41, 0.29
HSL	21°, 34%, 57%
HSV	21°, 41%, 71%
XYZ	30.3328, 27.7817, 17.6736
YIQ	144.6870, 37.5500, 2.3020

Conversions

Conversions Part 2

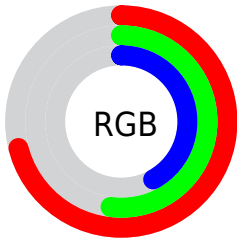
Format	Color
R_{YB}	182, 147, 107
Decimal	11961707
CIE Lab	59.69, 15.43, 21.40
CIE LCh	60, 26.387, 54.207
Yxy	27.7817, 0.4002, 0.3666
Android (android.graphics.Color)	4290151787 (0xFFB6856B)
YUV	144.6870, -18.5797, 32.7235
Hunter-Lab	52.7083, 10.4842, 17.0154

Details

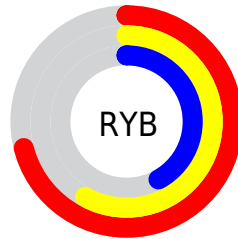
The XYZ color **30.3328, 27.7817, 17.6736** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.3949, 30.2790, 48.7092**, and the grayscale version is **26.8496, 28.2478, 30.7619**.

A 20% lighter version of the original color is **59.4135, 55.9717, 40.4731**, and **12.6351, 11.0143, 5.5977** is the 20% darker color. If you saturate the color by 10%, you get **27.9376, 24.3658, 12.6381**, and if you desaturate by 10%, it is **33.1152, 31.6495, 23.8331**.

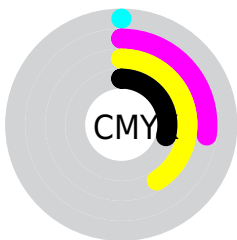
Distribution



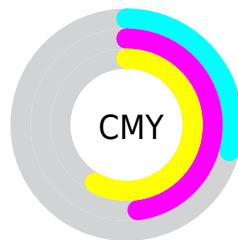
- Red (71%)
- Green (52%)
- Blue (42%)



- Red (71%)
- Yellow (58%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (29%)





- Cyan (29%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.3328, 27.7817, 17.6736 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 30.3328, 27.7817, 17.6736 by changing the saturation by 10% instead.


 30.3328, 27.7817,
17.6736


 30.3328, 27.7817,
17.6736


295.3347,
291.4223, 251.1988


 20.2407, 18.1612,
10.5489


 59.5711, 56.1357,
40.2868


 12.6794, 11.0658,
5.6540


 79.4480, 75.6380,
56.6123

 7.2836, 6.1111,
2.5705


 103.3171, 99.2030,
76.8418

 3.6880, 2.9127,
0.8772

 131.5439,
127.2151, 101.3939

 1.5272, 1.0863,
0.0000

164.4937,
160.0587, 130.6872

 0.3442, 0.0000,
0.0000

202.5319,

 0.0000, 0.0000,

198.1181, 165.1400

0.0000

246.0238,
241.7779, 205.1711

■ 30.3328, 27.7817,
17.6736

■ 30.3328, 27.7817,
17.6736

■ 27.9376, 24.3658,
12.6381

■ 33.1152, 31.6495,
23.8331

■ 25.9087, 21.3804,
8.6556

■ 36.3003, 35.9814,
31.1781

■ 24.2261, 18.8082,
5.6499


■ 39.9050, 40.7943,
39.7677


■ 22.8668, 16.6292,
3.5332


■ 43.9446, 46.1028,
49.6565


■ 21.8042, 14.8210,
2.2018


■ 48.4339, 51.9210,
60.8958

 21.0746, 13.5115,
1.4972

 53.3866, 58.2623,
73.5342

 58.8159, 65.1397,
87.6177

 64.7346, 72.5656,
103.1904

 68.5050, 79.4923,
106.3407

Harmonies

Analogous

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



32.6908, 27.7817, 23.3323



30.3328, 27.7817, 17.6736



27.0576, 27.7817, 15.4204

Triad

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



30.3328, 27.7817, 17.6736



20.5306, 27.7817, 28.4352



29.1209, 27.7817, 50.2609

Complementary

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



30.3328, 27.7817, 17.6736



26.3949, 30.2790, 48.7092

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.



25.7643, 27.7817, 52.4232



30.3328, 27.7817, 17.6736



20.9826, 27.7817, 38.4144

Square

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



30.3328, 27.7817, 17.6736



21.5423, 27.7817, 20.7372



22.8330, 27.7817, 47.7075



31.9510, 27.7817, 42.3000

Rectangle

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



30.3328, 27.7817, 17.6736



24.8642, 27.7817, 15.7207



22.8330, 27.7817, 47.7075



28.0096, 27.7817, 51.7516

Sweetspot

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



30.3335, 27.7830, 17.6742



71.6623, 73.0518, 70.4453



30.6351, 22.8951, 34.7030



15.6335, 15.8766, 15.0912



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



30.3335, 27.7830, 17.6742



51.2093, 44.9821, 24.0553



36.2265, 39.5691, 19.6385



9.2524, 9.5078, 9.4544



14.9394, 9.6552, 1.0762



0.5858, 0.4587, 0.0577

Inverse Universe

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



26.3949, 30.2790, 48.7092



43.1201, 50.0531, 87.6243



21.1637, 19.8165, 46.9655



8.9975, 9.6722, 11.4721



10.6766, 11.8128, 32.9705



0.4318, 0.5273, 1.1808

Previews

White Background



This preview shows how the XYZ color 30.3328, 27.7817, 17.6736 looks on a white background.

Color Contrast Check

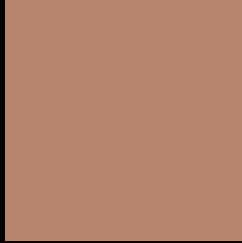
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3328, 27.7817, 17.6736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

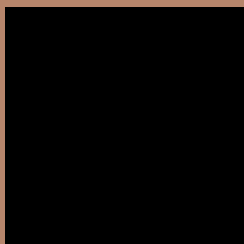
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.3328, 27.7817, 17.6736

Background



This preview shows how black text looks on a background with the XYZ color 30.3328, 27.7817, 17.6736.



This preview shows how white text looks on a background with the XYZ color 30.3328, 27.7817,

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

30.3328, 27.7817, 17.6736

Protanopia

26.2243, 27.9864, 19.3490

Deuteranopia

28.2676, 27.7636, 17.5047



Tritanopia

32.4453, 27.8498, 27.7102

Trichromacy



Original Color

30.3328, 27.7817, 17.6736

Protanomaly

27.5024, 27.7745, 18.6633

Deuteranomaly

28.8612, 27.6476, 17.4510

Tritanomaly

31.5806, 27.6879, 23.7585

Monochromacy



Original Color

30.3328, 27.7817, 17.6736

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.7222, 27.9575, 25.4080

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.3328, 27.7817, 17.6736 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(182, 133, 107)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 107)  
}
```

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(182, 133, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 107) }
```

Border

The CSS property to change the border of an element to XYZ 30.3328, 27.7817, 17.6736 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(182, 133, 107) }
```


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

```
.border{ border-color:rgb(182, 133, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 133, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 133, 107);  
box-shadow:4px 4px 4px 4px rgb(182, 133,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 30.3328, 27.7817, 17.6736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 107) }
```

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

```
.background{ background-color: rgb(182,  
133, 107) }
```

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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