

Converting Colors

XYZ(30.6620, 28.3520, 18.0502)

Have a look what the booklet for
XYZ(30.6620, 28.3520, 18.0502)
contains.

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Color

**XYZ(30.6622, 28.3557,
18.0445)**

Conversions

Conversions Part 1	
Format	Color
Hex	B6876C
RGB	182, 135, 108
RGB Percent	71%, 53%, 42%
CMY	0.2863, 0.4706, 0.5765
CMYK	0.00, 0.26, 0.41, 0.29
HSL	22°, 34%, 57%
HSV	22°, 41%, 71%
XYZ	30.6622, 28.3557, 18.0445
YIQ	145.9750, 36.6790, 1.5670

Conversions

Conversions Part 2

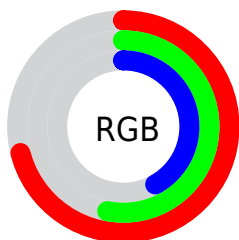
Format	Color
RYB	182, 151, 108
Decimal	11962220
CIELab	60.21, 14.43, 21.54
CIELCh	60, 25.927, 56.173
Yxy	28.3557, 0.3979, 0.3680
Android (android.graphics.Color)	4290152300 (0xFFB6876C)
YUV	145.9750, -18.7217, 31.5939
Hunter-Lab	53.2501, 9.5954, 17.1838

Details

The XYZ color **30.6622, 28.3557, 18.0445** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **26.3489, 30.0074, 48.6594**, and the grayscale version is **27.3757, 28.8014, 31.3647**.

A 20% lighter version of the original color is **59.9250, 56.8552, 41.0735**, and **12.8165, 11.3353, 5.7874** is the 20% darker color. If you saturate the color by 10%, you get **28.2669, 24.9567, 12.9559**, and if you desaturate by 10%, it is **33.4363, 32.1885, 24.2576**.

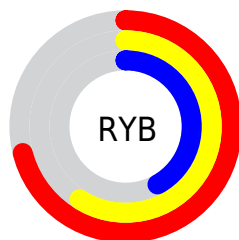
Distribution



Red (71%)

Green (53%)

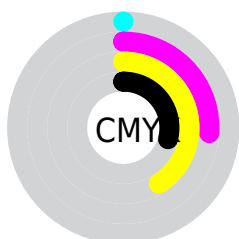
Blue (42%)



Red (71%)

Yellow (59%)

Blue (42%)

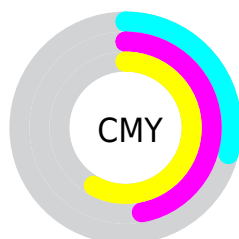


Cyan (0%)

Magenta (26%)

Yellow (41%)

Black (29%)



Cyan (29%)


Magenta (47%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6622, 28.3557, 18.0445 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 30.6622, 28.3557, 18.0445 by changing the saturation by 10% instead.


 30.6622, 28.3557,
18.0445


 30.6622, 28.3557,
18.0445


296.8338,
294.1627, 253.3663


 20.4923, 18.5940,
10.8122


 60.0873, 57.0518,
40.9281


 12.8638, 11.3773,
5.8281


 80.0733, 76.7550,
57.4165

 7.4111, 6.3212,
2.6737


 104.0619,
100.5408, 77.8272

 3.7691, 3.0413,
0.9302

 132.4187,
128.7936, 102.5789

 1.5724, 1.1534,
0.0000

165.5089,
161.8978, 132.0902

 0.3743, 0.0231,
0.0000


203.6979,


 0.0000, 0.0000,


200.2378, 166.7795

0.0000


247.3511,
244.1980, 207.0653


 30.6622, 28.3557,
18.0445


 30.6622, 28.3557,
18.0445


 28.2669, 24.9567,
12.9559


 33.4363, 32.1885,
24.2576


 26.2299, 21.9713,
8.9213


 36.6039, 36.4663,
31.6561


 24.5321, 19.3834,
5.8651


 40.1815, 41.2049,
40.2989

 23.1511, 17.1742,
3.7006


 44.1841, 46.4182,
50.2401


 22.0614, 15.3230,
2.3252


 48.6257, 52.1192,
61.5309

 21.2640, 13.8901,
1.5603

 53.5197, 58.3206,
74.2193

 58.8790, 65.0346,
88.3514

 64.7158, 72.2728,
103.9709

 68.2173, 78.9168,
106.2448

Harmonies

Analogous

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



33.0938, 28.3557, 23.4943



30.6622, 28.3557, 18.0445



27.3794, 28.3557, 15.9934

Triad

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



30.6622, 28.3557, 18.0445



21.0721, 28.3557, 29.6707



29.8652, 28.3557, 50.3533

Complementary

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



30.6622, 28.3557, 18.0445



26.3489, 30.0074, 48.6594

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.



26.5276, 28.3557, 52.9363



30.6622, 28.3557, 18.0445



21.6200, 28.3557, 39.6581

Square

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



30.6622, 28.3557, 18.0445



21.9898, 28.3557, 21.7769



23.5525, 28.3557, 48.6821



32.6078, 28.3557, 42.2074

Rectangle

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



30.6622, 28.3557, 18.0445



25.2125, 28.3557, 16.4377



23.5525, 28.3557, 48.6821



28.7682, 28.3557, 51.9645

Sweetspot

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



30.6629, 28.3571, 18.0451



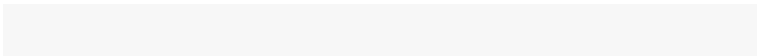
71.7972, 73.3216, 70.4902



30.6635, 23.0742, 34.3348



15.6660, 15.9417, 15.1020



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.



30.6629, 28.3571, 18.0451



51.5826, 45.7286, 24.1798



36.5424, 40.1161, 20.0049



9.2658, 9.5345, 9.4589



15.0748, 9.9259, 1.1214



0.5914, 0.4698, 0.0595

Inverse Universe

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



26.3489, 30.0074, 48.6594



42.6439, 49.1007, 87.4655



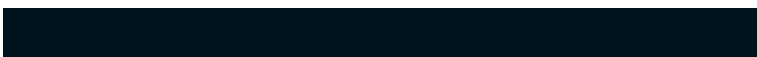
21.2369, 19.7834, 46.9554



8.9837, 9.6445, 11.4675



10.4045, 11.2686, 32.8798



0.4235, 0.5107, 1.1780

Previews

White Background



This preview shows how the XYZ color 30.6622, 28.3557, 18.0445 looks on a white background.

Color Contrast Check

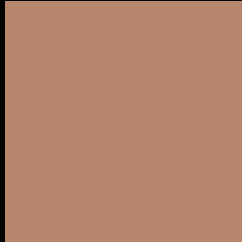
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6622, 28.3557, 18.0445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

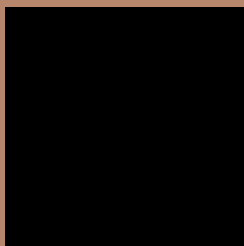
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6622, 28.3557, 18.0445

Background



This preview shows how black text looks on a background with the XYZ color 30.6622, 28.3557, 18.0445.



This preview shows how white text looks on a background with the XYZ color 30.6622, 28.3557,

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

30.6622, 28.3557, 18.0445

Protanopia

26.6236, 28.4116, 19.7036

Deuteranopia

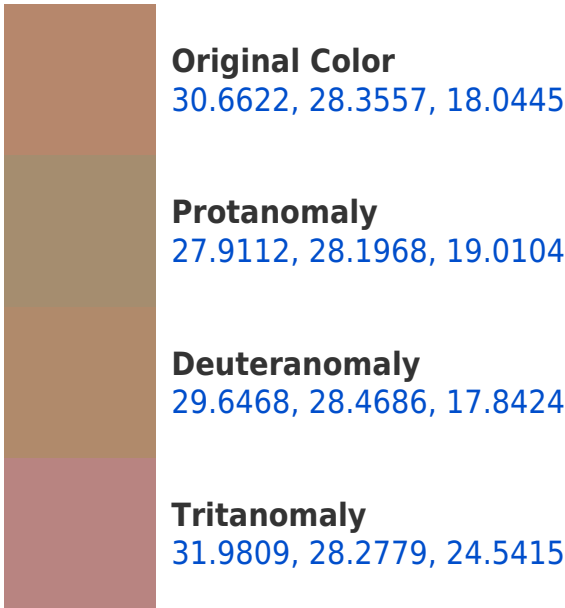
28.8997, 28.2974, 17.8487



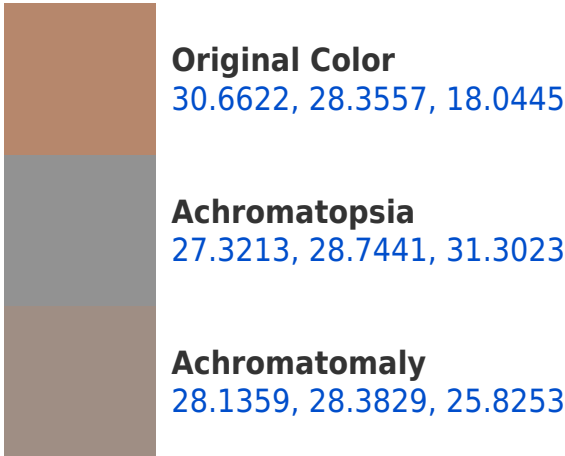
Tritanopia

32.9316, 28.4700, 28.9589

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6622, 28.3557, 18.0445 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, 135, 108)` looks like.

```
.text, #text, p{  
    color:rgb(182, 135, 108)  
}
```

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, 135, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 135, 108) }
```

Border

The CSS property to change the border of an element to XYZ 30.6622, 28.3557, 18.0445 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, 135, 108) }
```


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

```
.border{ border-color:rgb(182, 135, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 135, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 135, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 135, 108);  
box-shadow:4px 4px 4px 4px rgb(182, 135,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6622, 28.3557, 18.0445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 135, 108) }
```

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

```
.background{ background-color: rgb(182,  
135, 108) }
```

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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