

Converting Colors

XYZ(31.9042, 27.5115, 17.4436)

Have a look what the booklet for
XYZ(31.9042, 27.5115, 17.4436)
contains.

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Color

**XYZ(31.8589, 27.5762,
17.5535)**

Conversions

Conversions Part 1

Format	Color
Hex	BF806B
RGB	191, 128, 107
RGB Percent	75%, 50%, 42%
CMY	0.2510, 0.4980, 0.5804
CMYK	0.00, 0.33, 0.44, 0.25
HSL	15°, 40%, 58%
HSV	15°, 44%, 75%
XYZ	31.8589, 27.5762, 17.5535
YIQ	144.4430, 44.2890, 6.8250

Conversions

Conversions Part 2

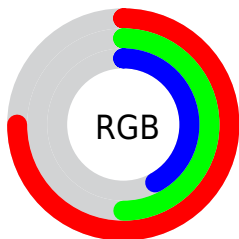
Format	Color
R_{YB}	191, 135, 107
Decimal	12550251
CIE _{Lab}	59.50, 21.88, 21.33
CIE _{LCh}	60, 30.552, 44.274
Yxy	27.5762, 0.4138, 0.3582
Android (android.graphics.Color)	4290740331 (0xFFBF806B)
YUV	144.4430, -18.4594, 40.8305
Hunter-Lab	52.5130, 16.3955, 16.9403

Details

The XYZ color **31.8589, 27.5762, 17.5535** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.8416, 35.6356, 54.5958**, and the grayscale version is **26.7483, 28.1413, 30.6458**.

A 20% lighter version of the original color is **61.7624, 55.6561, 39.8352**, and **13.5055, 10.9154, 5.5327** is the 20% darker color. If you saturate the color by 10%, you get **29.2246, 23.7421, 12.2534**, and if you desaturate by 10%, it is **34.9803, 32.0294, 24.1115**.

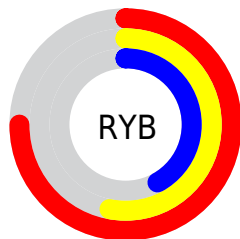
Distribution



Red (75%)

Green (50%)

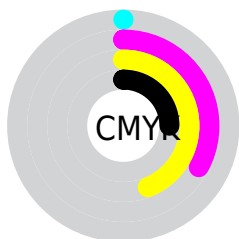
Blue (42%)



Red (75%)

Yellow (53%)

Blue (42%)

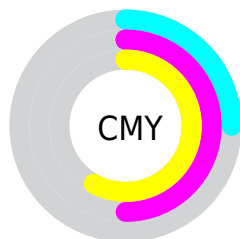


Cyan (0%)

Magenta (33%)

Yellow (44%)

Black (25%)



Cyan (25%)


Magenta (50%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.8589, 27.5762, 17.5535 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 31.8589, 27.5762, 17.5535 by changing the saturation by 10% instead.


 31.8589, 27.5762,
17.5535


 31.8589, 27.5762,
17.5535


302.2327,
290.4363, 250.4932


 21.4088, 18.0064,
10.4638


 61.9565, 55.8071,
40.0786


 13.5373, 10.9546,
5.5979


 82.3347, 75.2370,
56.3511

 7.8791, 6.0363,
2.5374


 106.7530, 98.7225,
76.5216

 4.0688, 2.8672,
0.8599

 135.5767,
126.6479, 101.0087

 1.7411, 1.0628,
0.0000

169.1711,
159.3975, 130.2308

 0.4818, 0.0000,
0.0000

207.9017,

 0.0000, 0.0000,

197.3559, 164.6066

0.0000

252.1338,
240.9073, 204.5545

■ 31.8589, 27.5762,
17.5535

■ 31.8589, 27.5762,
17.5535

■ 29.2246, 23.7421,
12.2534

■ 34.9803, 32.0294,
24.1115

■ 27.0496, 20.4950,
8.1282

■ 38.6106, 37.1236,
32.0000

■ 25.3062, 17.8062,
5.0871

■ 42.7726, 42.8848,
41.2879

■ 23.9627, 15.6427,
3.0253

■ 47.4870, 49.3361,
52.0390

■ 22.9821, 13.9675,
1.8167

■ 52.7736, 56.4997,
64.3128

■ 22.5330, 13.1706,
1.3546

■ 58.6511, 64.3965,
78.1658

■ 65.1372, 73.0469,
93.6516

■ 71.4662, 82.1570,
106.6990

■ 75.2959, 89.8164,
107.9755

Harmonies

Analogous

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



34.0347, 27.5762, 25.1090



31.8589, 27.5762, 17.5535



28.2623, 27.5762, 13.9274

Triad

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



31.8589, 27.5762, 17.5535



19.7277, 27.5762, 24.6528



28.0729, 27.5762, 55.5270

Complementary

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



31.8589, 27.5762, 17.5535



29.8416, 35.6356, 54.5958

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.



24.2602, 27.5762, 55.3185



31.8589, 27.5762, 17.5535



19.6877, 27.5762, 35.5459

Square

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



31.8589, 27.5762, 17.5535



21.3875, 27.5762, 17.2901



21.2723, 27.5762, 47.3340



31.7086, 27.5762, 47.8487

Rectangle

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



31.8589, 27.5762, 17.5535



25.6640, 27.5762, 13.4931



21.2723, 27.5762, 47.3340



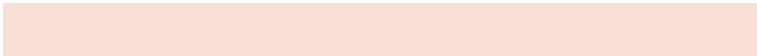
26.7644, 27.5762, 56.4266

Sweetspot

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



31.8596, 27.5776, 17.5540



77.2226, 77.6551, 75.3400



33.9994, 24.4943, 40.9663



16.5691, 16.5178, 15.6683



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



31.8596, 27.5776, 17.5540



52.4015, 42.6106, 22.0635



38.5146, 40.8875, 19.7724



9.7188, 9.9136, 9.9779



14.8634, 8.7655, 0.9085



0.6362, 0.4512, 0.0536

Inverse Universe

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



29.8416, 35.6356, 54.5958



48.2700, 58.8496, 97.0941



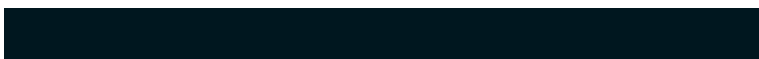
23.1868, 22.3260, 52.3776



9.6011, 10.3945, 12.1725



12.7256, 15.5630, 34.7261



0.5475, 0.7076, 1.3766

Previews

White Background



This preview shows how the XYZ color 31.8589, 27.5762, 17.5535 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 31.8589, 27.5762, 17.5535 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 31.8589, 27.5762, 17.5535

Background



This preview shows how black text looks on a background with the XYZ color 31.8589, 27.5762, 17.5535.



This preview shows how white text looks on a background with the XYZ color 31.8589, 27.5762,

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

31.8589, 27.5762, 17.5535

Protanopia

25.9966, 27.6321, 19.8830

Deuteranopia

28.2158, 27.7429, 17.2324



Tritanopia

33.5030, 27.4740, 26.0915

Trichromacy



Original Color

31.8589, 27.5762, 17.5535

Protanomaly

27.8941, 27.5401, 18.8845

Deuteranomaly

29.4867, 27.5558, 17.4003

Tritanomaly

32.7099, 27.3289, 22.6198

Monochromacy



Original Color

31.8589, 27.5762, 17.5535

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8832, 27.3927, 25.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.8589, 27.5762, 17.5535 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(191, 128, 107)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 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(191, 128, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 107) }
```

Border

The CSS property to change the border of an element to XYZ 31.8589, 27.5762, 17.5535 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(191, 128, 107) }
```


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

```
.border{ border-color:rgb(191, 128, 107) }
```

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

Here you see how a box with a 4 pixel rgb(191, 128, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 128, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 128, 107);  
box-shadow:4px 4px 4px 4px rgb(191, 128,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 31.8589, 27.5762, 17.5535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 128, 107) }
```

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

```
.background{ background-color: rgb(191,  
128, 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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