

Converting Colors

XYZ(30.8218, 27.6734, 18.8720)

Have a look what the booklet for
XYZ(30.8218, 27.6734, 18.8720)
contains.

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Color

**XYZ(30.7527, 27.5706,
18.7397)**

Conversions

Conversions Part 1

Format	Color
Hex	B8836F
RGB	184, 131, 111
RGB Percent	72%, 51%, 44%
CMY	0.2784, 0.4863, 0.5647
CMYK	0.00, 0.29, 0.40, 0.28
HSL	16°, 34%, 58%
HSV	16°, 40%, 72%
XYZ	30.7527, 27.5706, 18.7397
YIQ	144.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

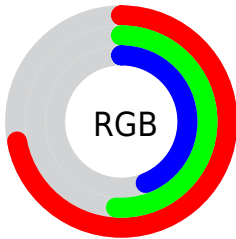
Format	Color
RYB	184, 139, 111
Decimal	12092271
CIELab	59.50, 17.83, 18.92
CIElCh	59, 25.998, 46.700
Yxy	27.5706, 0.3991, 0.3578
Android (android.graphics.Color)	4290282351 (0xFFB8836F)
YUV	144.5670, -16.5485, 34.5827
Hunter-Lab	52.5077, 12.6553, 15.5951

Details

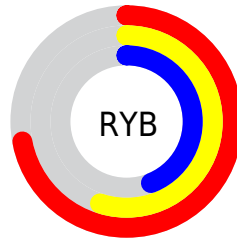
The XYZ color **30.7527, 27.5706, 18.7397** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.4822, 33.3899, 50.2912**, and the grayscale version is **26.7928, 28.1881, 30.6968**.

A 20% lighter version of the original color is **60.3693, 55.8026, 42.2395**, and **12.8929, 10.9109, 6.1291** is the 20% darker color. If you saturate the color by 10%, you get **28.1622, 23.8474, 13.3822**, and if you desaturate by 10%, it is **33.7846, 31.8426, 25.2745**.

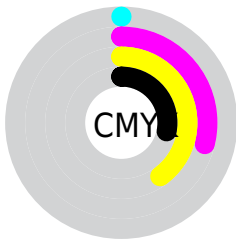
Distribution



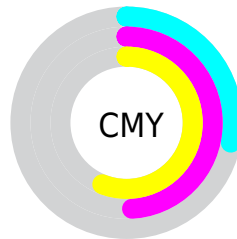
- Red (72%)
- Green (51%)
- Blue (44%)



- Red (72%)
- Yellow (55%)
- Blue (44%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (28%)





- Cyan (28%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7527, 27.5706, 18.7397 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 30.7527, 27.5706, 18.7397 by changing the saturation by 10% instead.


 30.7527, 27.5706,
18.7397


 30.7527, 27.5706,
18.7397


297.2447,
290.4094, 257.3826


 20.5615, 18.0022,
11.3074


 60.2290, 55.7982,
42.1246


 12.9145, 10.9516,
6.1573


 80.2448, 75.2261,
58.9143

 7.4463, 6.0343,
2.8706


 104.2663, 98.7094,
79.6603

 3.7915, 2.8659,
1.0289

 132.6586,
126.6324, 104.7811

 1.5849, 1.0621,
0.0000

165.7873,
159.3795, 134.6951

 0.3825, 0.0000,
0.0000

204.0176,

 0.0000, 0.0000,

197.3351, 169.8210

0.0000

247.7149,
240.8836, 210.5774

■ 30.7527, 27.5706,
18.7397

■ 30.7527, 27.5706,
18.7397

■ 28.1622, 23.8474,
13.3822

■ 33.7846, 31.8426,
25.2745

■ 25.9894, 20.6464,
9.1295

■ 37.2760, 36.6807,
33.0499

■ 24.2113, 17.9443,
5.9034

■ 41.2463, 42.1064,
42.1266

■ 22.8016, 15.7148,
3.6149

■ 45.7133, 48.1389,
52.5608

■ 21.7303, 13.9285,
2.1593

■ 50.6939, 54.7964,
64.4055

■ 20.9481, 12.5469,
1.3350

■ 56.2039, 62.0964,
77.7106

■ 20.9259, 12.5077,
1.3113

■ 62.2588, 70.0557,
92.5239

■ 68.3533, 78.4826,
106.1538

■ 72.3850, 86.5460,
107.4977

Harmonies

Analogous

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



32.6928, 27.5706, 25.1419



30.7527, 27.5706, 18.7397



27.6766, 27.5706, 15.6969

Triad

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



30.7527, 27.5706, 18.7397



20.5558, 27.5706, 26.0690



28.0516, 27.5706, 50.7543

Complementary

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



30.7527, 27.5706, 18.7397



28.4822, 33.3899, 50.2912

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.



24.7866, 27.5706, 51.1473



30.7527, 27.5706, 18.7397



20.6379, 27.5706, 35.4908

Square

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



30.7527, 27.5706, 18.7397



21.8948, 27.5706, 19.2963



22.1294, 27.5706, 45.1053



31.0468, 27.5706, 44.1225

Rectangle

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



30.7527, 27.5706, 18.7397



25.4791, 27.5706, 15.4647



22.1294, 27.5706, 45.1053



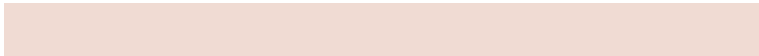
26.9446, 27.5706, 51.6620

Sweetspot

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



30.7534, 27.5719, 18.7402



72.8673, 73.7409, 71.9789



32.2009, 24.2591, 38.3605



15.5044, 15.6185, 15.0482



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.



30.7534, 27.5719, 18.7402



51.4298, 43.7792, 25.0226



36.4491, 38.9634, 20.6388



9.1996, 9.4021, 9.4368



14.4737, 8.7237, 0.9210



0.5637, 0.4144, 0.0503

Inverse Universe

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



28.4822, 33.3899, 50.2912



46.6869, 55.8022, 90.5148



22.9310, 22.2875, 48.4408



9.0530, 9.7832, 11.4906



11.8595, 14.1787, 33.3648



0.4668, 0.5973, 1.1924

Previews

White Background



This preview shows how the XYZ color 30.7527, 27.5706, 18.7397 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 30.7527, 27.5706, 18.7397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

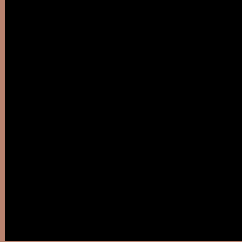
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7527, 27.5706, 18.7397

Background



This preview shows how black text looks on a background with the XYZ color 30.7527, 27.5706, 18.7397.



This preview shows how white text looks on a background with the XYZ color 30.7527, 27.5706,

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

30.7527, 27.5706, 18.7397

Protanopia

25.9822, 27.6047, 20.7884

Deuteranopia

28.2651, 27.7378, 18.6160



Tritanopia

32.3544, 27.4240, 27.2550

Trichromacy



Original Color

30.7527, 27.5706, 18.7397

Protanomaly

27.6370, 27.5956, 20.0895

Deuteranomaly

28.9340, 27.4524, 18.5257

Tritanomaly

31.6230, 27.3111, 24.0269

Monochromacy



Original Color

30.7527, 27.5706, 18.7397

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.9098, 27.8206, 26.0892

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7527, 27.5706, 18.7397 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(184, 131, 111)` looks like.

```
.text, #text, p{  
    color:rgb(184, 131, 111)  
}
```

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(184, 131, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 131, 111) }
```

Border

The CSS property to change the border of an element to XYZ 30.7527, 27.5706, 18.7397 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(184, 131, 111) }
```


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

```
.border{ border-color:rgb(184, 131, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 131, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 131, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 131, 111);  
box-shadow:4px 4px 4px 4px rgb(184, 131,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7527, 27.5706, 18.7397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 131, 111) }
```

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

```
.background{ background-color: rgb(184,  
131, 111) }
```

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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