

Converting Colors

XYZ(30.6400, 26.3571, 18.2264)

Have a look what the booklet for
XYZ(30.6400, 26.3571, 18.2264)
contains.

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Color

**XYZ(30.6416, 26.3578,
18.2244)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7D6E
RGB	187, 125, 110
RGB Percent	73%, 49%, 43%
CMY	0.2667, 0.5098, 0.5686
CMYK	0.00, 0.33, 0.41, 0.27
HSL	12°, 36%, 58%
HSV	12°, 41%, 73%
XYZ	30.6416, 26.3578, 18.2244
YIQ	141.8280, 41.7670, 8.4790

Conversions

Conversions Part 2

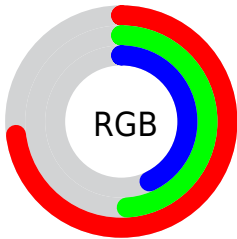
Format	Color
R_{YB}	187, 129, 110
Decimal	12287342
CIE _{Lab}	58.38, 22.26, 18.01
CIE _{LCh}	58, 28.635, 38.980
Yxy	26.3578, 0.4073, 0.3504
Android (android.graphics.Color)	4290477422 (0xFFBB7D6E)
YUV	141.8280, -15.6912, 39.6158
Hunter-Lab	51.3398, 16.6909, 14.8914

Details

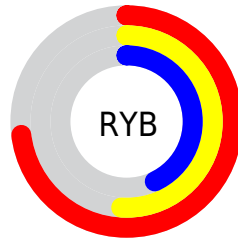
The XYZ color **30.6416, 26.3578, 18.2244** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.1519, 36.4064, 52.4517**, and the grayscale version is **25.6922, 27.0302, 29.4359**.

A 20% lighter version of the original color is **60.0982, 53.8619, 41.4113**, and **12.7457, 10.2052, 5.8555** is the 20% darker color. If you saturate the color by 10%, you get **27.9653, 22.4661, 12.8282**, and if you desaturate by 10%, it is **33.8231, 30.9158, 24.8495**.

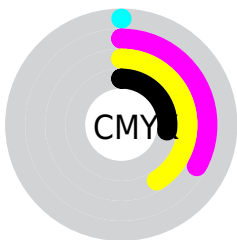
Distribution



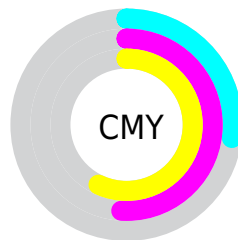
- Red (73%)
- Green (49%)
- Blue (43%)



- Red (73%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (41%)
- Black (27%)





- Cyan (27%)
- Magenta (51%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6416, 26.3578, 18.2244 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 30.6416, 26.3578, 18.2244 by changing the saturation by 10% instead.


 30.6416, 26.3578,
18.2244


 30.6416, 26.3578,
18.2244


296.7402,
284.5341, 254.4113


 20.4766, 17.0915,
10.9401


 60.0551, 53.8516,
41.2384


 12.8522, 10.2998,
5.9129


 80.0342, 72.8479,
57.8052

 7.4032, 5.5982,
2.7243


 104.0154, 95.8563,
78.3033

 3.7640, 2.6023,
0.9556

 132.3641,
123.2613, 103.1511

 1.5695, 0.9278,
0.0000

165.4455,
155.4471, 132.7673

 0.3724, 0.0000,
0.0000

203.6251,

 0.0000, 0.0000,

192.7983, 167.5704

0.0000

247.2682,
235.6991, 207.9789

■ 30.6416, 26.3578,
18.2244

■ 30.6416, 26.3578,
18.2244

■ 27.9653, 22.4661,
12.8282

■ 33.8231, 30.9158,
24.8495

■ 25.7655, 19.2057,
8.5833

■ 37.5324, 36.1657,
32.7715

■ 24.0137, 16.5436,
5.4054


■ 41.7929, 42.1361,
42.0553


■ 22.6776, 14.4428,
3.1983


■ 46.6265, 48.8532,
52.7610

■ 21.7197, 12.8614,
1.8478


■ 52.0533, 56.3415,
64.9449

 21.1377, 11.8533,
1.1738

 58.0928, 64.6246,
78.6605

 64.7635, 73.7250,
93.9585

 71.3334, 83.3646,
106.9390

 74.3035, 89.3048,
107.9291

Harmonies

Analogous

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



32.2854, 26.3578, 25.8016



30.6416, 26.3578, 18.2244



27.5382, 26.3578, 14.2336

Triad

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



30.6416, 26.3578, 18.2244



19.2938, 26.3578, 22.3406



26.1148, 26.3578, 52.1860

Complementary

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



30.6416, 26.3578, 18.2244



30.1519, 36.4064, 52.4517

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.



22.7207, 26.3578, 50.6465



30.6416, 26.3578, 18.2244



18.9893, 26.3578, 31.8060

Square

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



30.6416, 26.3578, 18.2244



21.0622, 26.3578, 16.1979



20.1877, 26.3578, 42.5716



29.5169, 26.3578, 46.3892

Rectangle

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



30.6416, 26.3578, 18.2244



25.1720, 26.3578, 13.4487



20.1877, 26.3578, 42.5716



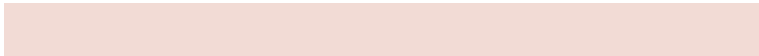
24.9330, 26.3578, 52.5333

Sweetspot

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



30.6423, 26.3591, 18.2249



74.0279, 74.3167, 73.5135



33.6011, 24.7295, 42.4784



16.0726, 16.0450, 15.6857



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.6423, 26.3591, 18.2249



50.6970, 41.1327, 24.1865



36.3373, 37.7492, 20.1233



9.6767, 9.8293, 9.9639



14.6052, 8.2492, 0.8225



0.6178, 0.4146, 0.0475

Inverse Universe

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



30.1519, 36.4064, 52.4517



49.6743, 61.4028, 93.4352



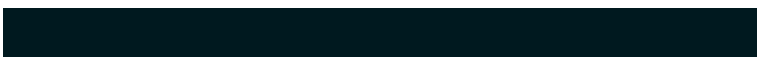
23.9784, 24.0594, 50.3938



9.6463, 10.4850, 12.1876



13.8074, 17.7265, 35.0867



0.5820, 0.7767, 1.3881

Previews

White Background



This preview shows how the XYZ color 30.6416, 26.3578, 18.2244 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 30.6416, 26.3578, 18.2244 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 30.6416, 26.3578, 18.2244

Background



This preview shows how black text looks on a background with the XYZ color 30.6416, 26.3578, 18.2244.



This preview shows how white text looks on a background with the XYZ color 30.6416, 26.3578,

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

30.6416, 26.3578, 18.2244

Protanopia

24.9834, 26.4301, 20.6144

Deuteranopia

26.8878, 26.4100, 17.8679



Tritanopia

32.0425, 26.3766, 24.8751

Trichromacy



Original Color

30.6416, 26.3578, 18.2244

Protanomaly

26.8055, 26.3294, 19.5889

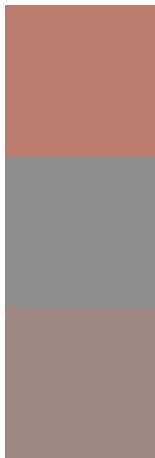
Deuteranomaly

28.1102, 26.2210, 18.0476

Tritanomaly

31.3971, 26.2873, 22.1580

Monochromacy



Original Color

30.6416, 26.3578, 18.2244

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.9340, 26.4891, 24.8124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6416, 26.3578, 18.2244 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(187, 125, 110)` looks like.

```
.text, #text, p{  
    color:rgb(187, 125, 110)  
}
```

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(187, 125, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 125, 110) }
```

Border

The CSS property to change the border of an element to XYZ 30.6416, 26.3578, 18.2244 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(187, 125, 110) }
```


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

```
.border{ border-color:rgb(187, 125, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 125, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 125, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 125, 110);  
box-shadow:4px 4px 4px 4px rgb(187, 125,  
110) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6416, 26.3578, 18.2244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 125, 110) }
```

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

```
.background{ background-color: rgb(187,  
125, 110) }
```

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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