

Converting Colors

XYZ(28.6110, 25.4970, 10.9988)

Have a look what the booklet for
XYZ(28.6110, 25.4970, 10.9988)
contains.

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Color

**XYZ(28.5487, 25.4368,
10.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	B87D50
RGB	184, 125, 80
RGB Percent	72%, 49%, 31%
CMY	0.2784, 0.5098, 0.6863
CMYK	0.00, 0.32, 0.57, 0.28
HSL	26°, 42%, 52%
HSV	26°, 57%, 72%
XYZ	28.5487, 25.4368, 10.9945
YIQ	137.5110, 49.6090, -1.4870

Conversions

Conversions Part 2

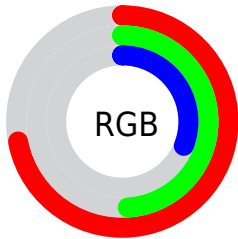
Format	Color
RYB	184, 159, 80
Decimal	12090704
CIELab	57.50, 18.05, 33.59
CIElCh	57, 38.131, 61.750
Yxy	25.4368, 0.4393, 0.3915
Android (android.graphics.Color)	4290280784 (0xFFB87D50)
YUV	137.5110, -28.3529, 40.7709
Hunter-Lab	50.4349, 12.7789, 22.3796

Details

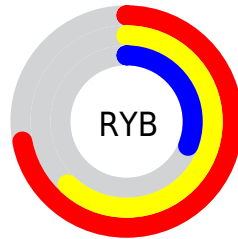
The XYZ color **28.5487, 25.4368, 10.9945** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **21.1919, 23.6300, 48.7911**, and the grayscale version is **24.0631, 25.3163, 27.5694**.

A 20% lighter version of the original color is **56.9118, 52.5072, 28.2544**, and **11.7610, 9.8679, 2.7237** is the 20% darker color. If you saturate the color by 10%, you get **26.7072, 22.6968, 7.4736**, and if you desaturate by 10%, it is **30.7165, 28.5315, 15.5430**.

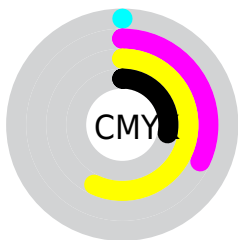
Distribution



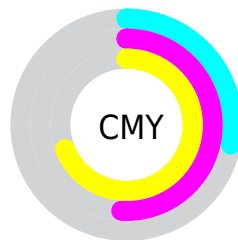
- Red (72%)
- Green (49%)
- Blue (31%)



- Red (72%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (28%)





- Cyan (28%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.5487, 25.4368, 10.9945 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 28.5487, 25.4368, 10.9945 by changing the saturation by 10% instead.


 28.5487, 25.4368,
10.9945


 28.5487, 25.4368,
10.9945


287.1124,
280.0063, 208.3659


 18.8822, 16.4028,
5.9490


 56.7618, 52.3650,
28.2865

 11.6887, 9.8096,
2.7458


 76.0392, 71.0279,
41.3701


 6.6028, 5.2729,
0.9664


 99.2509, 93.6693,
57.9701

 3.2591, 2.4083,
0.0000

 126.7624,
120.6734, 78.5051

 1.2922, 0.8301,
0.0000

 158.9389,
152.4248, 103.3937

 0.1774, 0.0000,
0.0000

196.1458,

 0.0000, 0.0000,

189.3079, 133.0543

0.0000

238.7485,
231.7069, 167.9055

■ 28.5487, 25.4368,
10.9945

■ 28.5487, 25.4368,
10.9945

■ 26.7072, 22.6968,
7.4736

■ 30.7165, 28.5315,
15.5430

■ 25.1702, 20.2930,
4.8953

■ 33.2267, 31.9909,
21.1920

■ 23.9158, 18.2105,
3.1630

■ 36.0962, 35.8290,
28.0092

■ 22.9149, 16.4299,
2.1474

■ 39.3405, 40.0580,
36.0564

■ 22.6082, 15.8727,
1.8721

■ 42.9738, 44.6895,
45.3912

■ 47.0096, 49.7343,
56.0672

■ 51.4606, 55.2032,
68.1354

■ 56.3392, 61.1062,
81.6436

■ 61.6570, 67.4530,
96.6378

Harmonies

Analogous

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



32.3860, 25.4368, 16.5132



28.5487, 25.4368, 10.9945



23.9112, 25.4368, 9.4689

Triad

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



28.5487, 25.4368, 10.9945



16.4588, 25.4368, 28.4671



29.0678, 25.4368, 54.8601

Complementary

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



28.5487, 25.4368, 10.9945



21.1919, 23.6300, 48.7911

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.



24.4446, 25.4368, 60.9557



28.5487, 25.4368, 10.9945



17.4874, 25.4368, 43.0458

Square

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



28.5487, 25.4368, 10.9945



17.2734, 25.4368, 17.4681



20.2759, 25.4368, 56.0735



32.7111, 25.4368, 41.2952

Rectangle

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



28.5487, 25.4368, 10.9945



21.0841, 25.4368, 10.3601



20.2759, 25.4368, 56.0735



27.5583, 25.4368, 58.0125

Sweetspot

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



28.5493, 25.4381, 10.9950



70.8425, 72.0059, 64.1677



27.4187, 17.8409, 27.0680



15.0109, 15.1849, 13.1772



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.



28.5493, 25.4381, 10.9950



47.6334, 39.9463, 12.1664



36.6098, 41.5591, 13.6818



9.3157, 9.6343, 9.4755



15.6492, 11.0747, 1.3128



0.6134, 0.5139, 0.0669

Inverse Universe

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



21.1919, 23.6300, 48.7911



32.9391, 36.2763, 87.4706



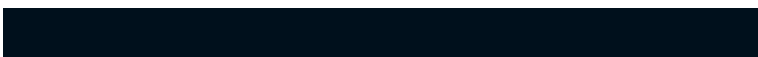
15.5048, 12.2558, 46.8954



8.9324, 9.5421, 11.4505



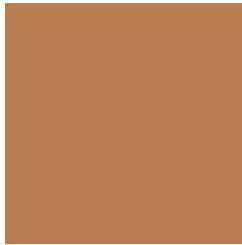
9.4719, 9.4035, 32.5689



0.3942, 0.4520, 1.1682

Previews

White Background



This preview shows how the XYZ color 28.5487, 25.4368, 10.9945 looks on a white background.

Color Contrast Check

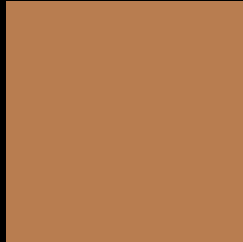
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5487, 25.4368, 10.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

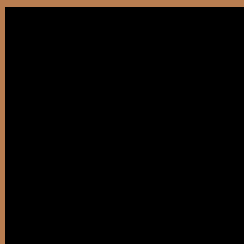
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5487, 25.4368, 10.9945

Background



This preview shows how black text looks on a background with the XYZ color 28.5487, 25.4368, 10.9945.



This preview shows how white text looks on a background with the XYZ color 28.5487, 25.4368,

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

28.5487, 25.4368, 10.9945

Protanopia

23.4907, 25.4121, 12.2613

Deuteranopia

25.9886, 25.4876, 10.7576



Tritanopia

31.2321, 25.4435, 23.6871

Trichromacy



Original Color

28.5487, 25.4368, 10.9945

Protanomaly

25.0531, 25.1861, 11.7246

Deuteranomaly

26.7171, 25.2637, 10.8654

Tritanomaly

30.2001, 25.3872, 18.3474

Monochromacy



Original Color

28.5487, 25.4368, 10.9945

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1160, 25.0280, 20.3367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5487, 25.4368, 10.9945 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, 125, 80)` looks like.

```
.text, #text, p{  
    color:rgb(184, 125, 80)  
}
```

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, 125, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 125, 80) }
```

Border

The CSS property to change the border of an element to XYZ 28.5487, 25.4368, 10.9945 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, 125, 80) }
```


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

```
.border{ border-color:rgb(184, 125, 80) }
```

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

Here you see how a box with a 4 pixel rgb(184, 125, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 125, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 125, 80);  
box-shadow:4px 4px 4px 4px rgb(184, 125,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5487, 25.4368, 10.9945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 125, 80) }
```

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

```
.background{ background-color: rgb(184,  
125, 80) }
```

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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