

Converting Colors

XYZ(28.8623, 25.5622, 12.6503)

Have a look what the booklet for
XYZ(28.8623, 25.5622, 12.6503)
contains.

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Color

**XYZ(28.8622, 25.5622,
12.6453)**

Conversions

Conversions Part 1

Format	Color
Hex	B87D58
RGB	184, 125, 88
RGB Percent	72%, 49%, 35%
CMY	0.2784, 0.5098, 0.6549
CMYK	0.00, 0.32, 0.52, 0.28
HSL	23°, 40%, 53%
HSV	23°, 52%, 72%
XYZ	28.8622, 25.5622, 12.6453
YIQ	138.4230, 47.0410, 1.0010

Conversions

Conversions Part 2

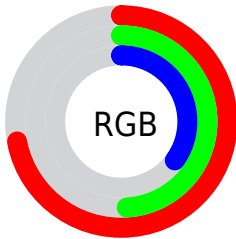
Format	Color
RYB	184, 148, 88
Decimal	12090712
CIELab	57.62, 18.75, 29.35
CIELCh	58, 34.829, 57.430
Yxy	25.5622, 0.4303, 0.3811
Android (android.graphics.Color)	4290280792 (0xFFB87D58)
YUV	138.4230, -24.8585, 39.9710
Hunter-Lab	50.5591, 13.4203, 20.5624

Details

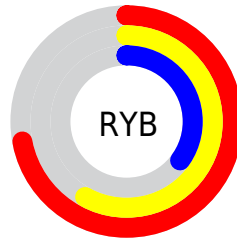
The XYZ color **28.8622, 25.5622, 12.6453** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **23.1093, 26.4014, 49.2251**, and the grayscale version is **24.3993, 25.6700, 27.9546**.

A 20% lighter version of the original color is **57.1258, 52.5530, 31.1776**, and **11.8868, 9.9182, 3.3857** is the 20% darker color. If you saturate the color by 10%, you get **26.8433, 22.5941, 8.6749**, and if you desaturate by 10%, it is **31.2377, 28.9358, 17.6841**.

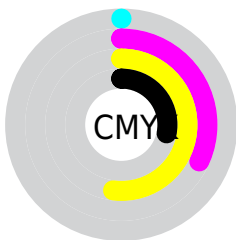
Distribution



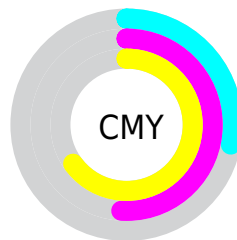
- Red (72%)
- Green (49%)
- Blue (35%)



- Red (72%)
- Yellow (58%)
- Blue (35%)



- Cyan (0%)
- Magenta (32%)
- Yellow (52%)
- Black (28%)





- Cyan (28%)
- Magenta (51%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.8622, 25.5622, 12.6453 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 28.8622, 25.5622, 12.6453 by changing the saturation by 10% instead.

 28.8622, 25.5622,
12.6453


 28.8622, 25.5622,
12.6453


288.5702,
280.6263, 219.7592


 19.1204, 16.4964,
7.0569


 57.2572, 52.5678,
31.3468

 11.8618, 9.8761,
3.4187


 76.6410, 71.2764,
45.2971


 6.7212, 5.3169,
1.3122


 99.9695, 93.9681,
62.8717

 3.3331, 2.4344,
0.0718

 127.6081,
121.0273, 84.4892

 1.3323, 0.8435,
0.0000

 159.9221,
152.8382, 110.5682

 0.2072, 0.0000,
0.0000

197.2769,

 0.0000, 0.0000,

189.7855, 141.5271

0.0000

240.0378,
232.2534, 177.7846

■ 28.8622, 25.5622,
12.6453

■ 28.8622, 25.5622,
12.6453

■ 26.8433, 22.5941,
8.6749

■ 31.2377, 28.9358,
17.6841

■ 25.1589, 20.0108,
5.6917

■ 33.9864, 32.7267,
23.8611

■ 23.7870, 17.7954,
3.6054

■ 37.1259, 36.9509,
31.2420

■ 22.7013, 15.9276,
2.3077

■ 40.6720, 41.6223,
39.8870

■ 22.0155, 14.6873,
1.6746

■ 44.6397, 46.7543,
49.8522

■ 49.0431, 52.3595,
61.1904

■ 53.8957, 58.4501,
73.9513

■ 59.2103, 65.0378,
88.1823

■ 64.9992, 72.1339,
103.9284

Harmonies

Analogous

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



32.1109, 25.5622, 18.5563



28.8622, 25.5622, 12.6453



24.6566, 25.5622, 10.6453

Triad

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



28.8622, 25.5622, 12.6453



17.1484, 25.5622, 26.8182



28.1709, 25.5622, 53.5231

Complementary

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



28.8622, 25.5622, 12.6453



23.1093, 26.4014, 49.2251

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.



23.9392, 25.5622, 57.5687



28.8622, 25.5622, 12.6453



17.8648, 25.5622, 39.7778

Square

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



28.8622, 25.5622, 12.6453



18.1586, 25.5622, 17.2312



20.2389, 25.5622, 51.9502



31.6808, 25.5622, 42.0783

Rectangle

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



28.8622, 25.5622, 12.6453



21.9777, 25.5622, 11.1967



20.2389, 25.5622, 51.9502



26.7721, 25.5622, 55.9144

Sweetspot

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



28.8628, 25.5635, 12.6458



71.0066, 71.8853, 65.6060



28.5390, 19.2828, 29.9039



15.0255, 15.1253, 13.4560



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.



28.8628, 25.5635, 12.6458



48.0415, 40.0248, 14.5764



36.4337, 40.7052, 15.1694



9.2808, 9.5646, 9.4639



15.2371, 10.2506, 1.1755



0.5978, 0.4826, 0.0617

Inverse Universe

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



23.1093, 26.4014, 49.2251



36.3974, 41.6294, 88.3215



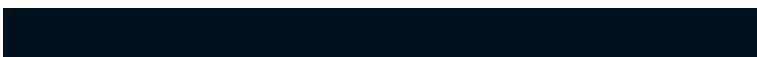
17.1572, 14.4973, 47.2411



8.9681, 9.6134, 11.4623



10.1083, 10.6763, 32.7810



0.4144, 0.4924, 1.1749

Previews

White Background



This preview shows how the XYZ color 28.8622, 25.5622, 12.6453 looks on a white background.

Color Contrast Check

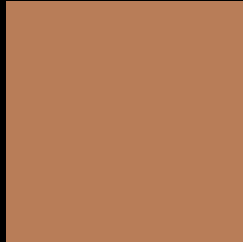
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8622, 25.5622, 12.6453 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 28.8622, 25.5622, 12.6453

Background



This preview shows how black text looks on a background with the XYZ color 28.8622, 25.5622, 12.6453.



This preview shows how white text looks on a background with the XYZ color 28.8622, 25.5622,

12.6453.

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

28.8622, 25.5622, 12.6453

Protanopia

23.7861, 25.7396, 14.0705

Deuteranopia

26.2157, 25.7718, 12.3968



Tritanopia

31.1724, 25.5827, 24.0639

Trichromacy



Original Color

28.8622, 25.5622, 12.6453

Protanomaly

25.3137, 25.4869, 13.4828

Deuteranomaly

27.1585, 25.6521, 12.5368

Tritanomaly

30.2465, 25.5731, 19.2615

Monochromacy



Original Color

28.8622, 25.5622, 12.6453

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2953, 25.0997, 21.2808

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8622, 25.5622, 12.6453 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(184, 125, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 125, 88) }
```

Border

The CSS property to change the border of an element to XYZ 28.8622, 25.5622, 12.6453 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, 88) }
```


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

```
.border{ border-color:rgb(184, 125, 88) }
```

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, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 125, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 125, 88);  
box-shadow:4px 4px 4px 4px rgb(184, 125,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8622, 25.5622, 12.6453 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, 88) }
```

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

```
.background{ background-color: rgb(184,  
125, 88) }
```

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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