

Converting Colors

XYZ(30.2667, 25.3285, 12.3461)

Have a look what the booklet for
XYZ(30.2667, 25.3285, 12.3461)
contains.

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Color

**XYZ(30.1750, 25.3275,
12.3151)**

Conversions

Conversions Part 1

Format	Color
Hex	C07857
RGB	192, 120, 87
RGB Percent	75%, 47%, 34%
CMY	0.2471, 0.5294, 0.6588
CMYK	0.00, 0.37, 0.55, 0.25
HSL	19°, 45%, 55%
HSV	19°, 55%, 75%
XYZ	30.1750, 25.3275, 12.3151
YIQ	137.7660, 53.5050, 5.0010

Conversions

Conversions Part 2

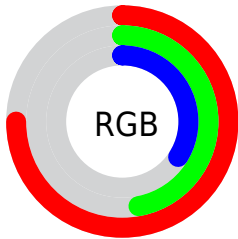
Format	Color
R_{YB}	192, 135, 87
Decimal	12613719
CIE _{Lab}	57.39, 24.74, 29.82
CIE _{LCh}	57, 38.748, 50.314
Yxy	25.3275, 0.4449, 0.3735
Android (android.graphics.Color)	4290803799 (0xFFC07857)
YUV	137.7660, -25.0276, 47.5632
Hunter-Lab	50.3264, 18.9548, 20.7200

Details

The XYZ color **30.1750, 25.3275, 12.3151** is a dark color, and the websafe version is hex **996633**. The color can be described as middle muted orange. A complement of this color would be **25.8424, 30.6268, 54.4186**, and the grayscale version is **24.1469, 25.4044, 27.6654**.

A 20% lighter version of the original color is **59.2426, 52.2025, 30.6206**, and **12.6452, 9.8175, 3.3263** is the 20% darker color. If you saturate the color by 10%, you get **28.0166, 22.1035, 8.2268**, and if you desaturate by 10%, it is **32.7610, 29.0729, 17.5755**.

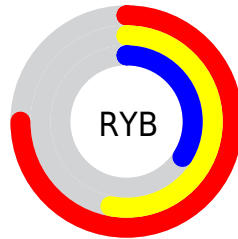
Distribution



Red (75%)

Green (47%)

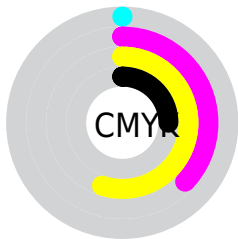
Blue (34%)



Red (75%)

Yellow (53%)

Blue (34%)

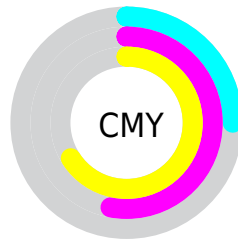


Cyan (0%)

Magenta (37%)

Yellow (55%)

Black (25%)



Cyan (25%)


Magenta (53%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.1750, 25.3275, 12.3151 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 30.1750, 25.3275, 12.3151 by changing the saturation by 10% instead.


 30.1750, 25.3275,
12.3151


 30.1750, 25.3275,
12.3151


294.6145,
279.4650, 217.5317


 20.1202, 16.3212,
6.8335


 59.3235, 52.1880,
30.7406


 12.5912, 9.7517,
3.2813


 79.1480, 70.8111,
44.5217


 7.2227, 5.2347,
1.2400


 102.9597, 93.4085,
61.9063

 3.6493, 2.3856,
0.0119

 131.1240,
120.3647, 83.3130

 1.5057, 0.8185,
0.0000

 164.0063,
152.0640, 109.1604

 0.3297, 0.0000,
0.0000

201.9719,

 0.0000, 0.0000,

188.8909, 139.8669

0.0000

245.3862,
231.2298, 175.8512

■ 30.1750, 25.3275,
12.3151

■ 30.1750, 25.3275,
12.3151

■ 28.0166, 22.1035,
8.2268

■ 32.7610, 29.0729,
17.5755

■ 26.2581, 19.3727,
5.2171

■ 35.7961, 33.3586,
24.0888

■ 24.8711, 17.1095,
3.1802

■ 39.3026, 38.2070,
31.9303

■ 23.8218, 15.2843,
1.9876

■ 43.3004, 43.6383,
41.1687

■ 23.3725, 14.4751,
1.5621

■ 47.8085, 49.6714,
51.8680

■ 52.8448, 56.3245,
64.0885

■ 58.4261, 63.6149,
77.8865

■ 64.5687, 71.5593,
93.3161

■ 70.5053, 79.8607,
106.3064

Harmonies

Analogous

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



33.3579, 25.3275, 19.6843



30.1750, 25.3275, 12.3151



25.5922, 25.3275, 9.3845

Triad

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



30.1750, 25.3275, 12.3151



16.3639, 25.3275, 23.5309



27.2764, 25.3275, 58.8103

Complementary

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



30.1750, 25.3275, 12.3151



25.8424, 30.6268, 54.4186

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.



22.6152, 25.3275, 60.8456



30.1750, 25.3275, 12.3151



16.6939, 25.3275, 37.3403

Square

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



30.1750, 25.3275, 12.3151



17.8873, 25.3275, 14.3572



18.8547, 25.3275, 52.0276



31.5420, 25.3275, 47.1241

Rectangle

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



30.1750, 25.3275, 12.3151



22.5237, 25.3275, 9.4080



18.8547, 25.3275, 52.0276



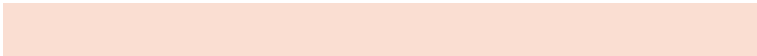
25.6918, 25.3275, 60.7639

Sweetspot

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



30.1756, 25.3288, 12.3156



77.2610, 77.4546, 71.7961



31.5355, 20.5786, 35.7975



16.2431, 16.1673, 14.6303



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.



30.1756, 25.3288, 12.3156



49.9455, 38.7981, 13.4436



38.0214, 41.0204, 14.9308



10.3258, 10.5830, 10.5604



15.7895, 9.8647, 1.0719



0.7451, 0.5521, 0.0673

Inverse Universe

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



25.8424, 30.6268, 54.4186



41.1898, 49.2395, 97.6935



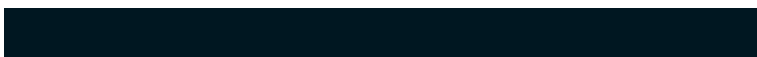
18.8076, 16.5574, 52.0736



10.0929, 10.8771, 12.8524



11.9946, 13.7458, 35.5776



0.5777, 0.7128, 1.5570

Previews

White Background



This preview shows how the XYZ color 30.1750, 25.3275, 12.3151 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 30.1750, 25.3275, 12.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

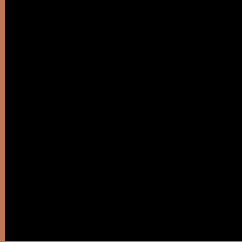
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.1750, 25.3275, 12.3151

Background



This preview shows how black text looks on a background with the XYZ color 30.1750, 25.3275, 12.3151.



This preview shows how white text looks on a background with the XYZ color 30.1750, 25.3275,

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

30.1750, 25.3275, 12.3151

Protanopia

23.6865, 25.4691, 14.2573

Deuteranopia

25.8273, 25.3739, 12.1307



Tritanopia

32.2745, 25.3188, 22.2547

Trichromacy



Original Color

30.1750, 25.3275, 12.3151

Protanomaly

25.5217, 24.9873, 13.3754

Deuteranomaly

27.3034, 25.3403, 12.2562

Tritanomaly

31.4787, 25.3396, 18.2709

Monochromacy



Original Color

30.1750, 25.3275, 12.3151

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.5466, 24.8336, 20.8997

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.1750, 25.3275, 12.3151 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(192, 120, 87)` looks like.

```
.text, #text, p{  
    color:rgb(192, 120, 87)  
}
```

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(192, 120, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 120, 87) }
```

Border

The CSS property to change the border of an element to XYZ 30.1750, 25.3275, 12.3151 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(192, 120, 87) }
```


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

```
.border{ border-color:rgb(192, 120, 87) }
```

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

Here you see how a box with a 4 pixel rgb(192, 120, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 120, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 120, 87);  
box-shadow:4px 4px 4px 4px rgb(192, 120,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 30.1750, 25.3275, 12.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 120, 87) }
```

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

```
.background{ background-color: rgb(192,  
120, 87) }
```

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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