

Converting Colors

XYZ(30.7425, 25.3783, 13.3307)

Have a look what the booklet for
XYZ(30.7425, 25.3783, 13.3307)
contains.

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Color

**XYZ(30.7767, 25.4357,
13.4127)**

Conversions

Conversions Part 1

Format	Color
Hex	C2775C
RGB	194, 119, 92
RGB Percent	76%, 47%, 36%
CMY	0.2392, 0.5333, 0.6392
CMYK	0.00, 0.39, 0.53, 0.24
HSL	16°, 46%, 56%
HSV	16°, 53%, 76%
XYZ	30.7767, 25.4357, 13.4127
YIQ	138.3470, 53.3670, 7.5030

Conversions

Conversions Part 2

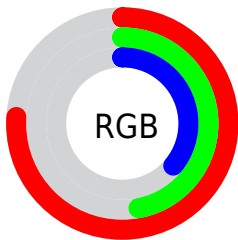
Format	Color
RYB	194, 129, 92
Decimal	12744540
CIELab	57.50, 26.55, 27.21
CIELCh	57, 38.011, 45.704
Yxy	25.4357, 0.4420, 0.3653
Android (android.graphics.Color)	4290934620 (0xFFC2775C)
YUV	138.3470, -22.8491, 48.8077
Hunter-Lab	50.4338, 20.6685, 19.5357

Details

The XYZ color **30.7767, 25.4357, 13.4127** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **27.9691, 33.8060, 56.0897**, and the grayscale version is **24.3610, 25.6297, 27.9108**.

A 20% lighter version of the original color is **60.2185, 52.3709, 32.9213**, and **12.9183, 9.7641, 3.6864** is the 20% darker color. If you saturate the color by 10%, you get **28.4627, 21.9957, 8.9797**, and if you desaturate by 10%, it is **33.5639, 29.4747, 19.0752**.

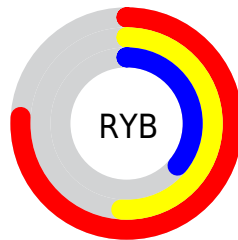
Distribution



Red (76%)

Green (47%)

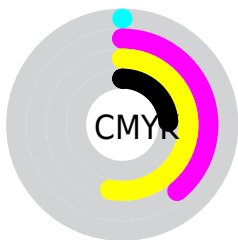
Blue (36%)



Red (76%)

Yellow (51%)

Blue (36%)

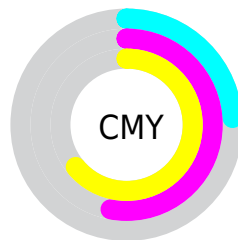


Cyan (0%)

Magenta (39%)

Yellow (53%)

Black (24%)



Cyan (24%)


Magenta (53%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7767, 25.4357, 13.4127 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 30.7767, 25.4357, 13.4127 by changing the saturation by 10% instead.


 30.7767, 25.4357,
13.4127


 30.7767, 25.4357,
13.4127

297.3535,
280.0009, 224.8459


 20.5799, 16.4020,
7.5793


 60.2666, 52.3632,
32.7452


 12.9280, 9.8090,
3.7431


 80.2903, 71.0257,
47.0814

 7.4556, 5.2725,
1.4855

 104.3204, 93.6666,
65.0890

 3.7975, 2.4080,
0.2071

 132.7222,
120.6703, 87.1864

 1.5882, 0.8300,
0.0000

165.8611,
152.4212, 113.7923

 0.3847, 0.0000,
0.0000

204.1023,

 0.0000, 0.0000,

189.3037, 145.3251

0.0000

247.8114,
231.7021, 182.2035

■ 30.7767, 25.4357,
13.4127

■ 30.7767, 25.4357,
13.4127

■ 28.4627, 21.9957,
8.9797

■ 33.5639, 29.4747,
19.0752

■ 26.5919, 19.1214,
5.6817

■ 36.8481, 34.1362,
26.0490

■ 25.1331, 16.7821,
3.4130

■ 40.6538, 39.4469,
34.4104

■ 24.0500, 14.9420,
2.0464

■ 45.0032, 45.4309,
44.2297

■ 23.4477, 13.8687,
1.4411

■ 49.9172, 52.1110,
55.5722

■ 55.4155, 59.5089,
68.4991

■ 61.5168, 67.6454,
83.0685

■ 68.2392, 76.5404,
99.3354

■ 73.6749, 85.4430,
107.2168

Harmonies

Analogous

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



33.5582, 25.4357, 21.4823



30.7767, 25.4357, 13.4127



26.3890, 25.4357, 9.8842

Triad

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



30.7767, 25.4357, 13.4127



16.6856, 25.4357, 21.9856



26.6086, 25.4357, 59.2826

Complementary

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



30.7767, 25.4357, 13.4127



27.9691, 33.8060, 56.0897

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.



22.0900, 25.4357, 59.5462



30.7767, 25.4357, 13.4127



16.7288, 25.4357, 35.0034

Square

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



30.7767, 25.4357, 13.4127



18.4669, 25.4357, 13.6815



18.5935, 25.4357, 49.6372



30.9547, 25.4357, 49.0010

Rectangle

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



30.7767, 25.4357, 13.4127



23.3212, 25.4357, 9.5615



18.5935, 25.4357, 49.6372



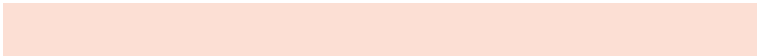
25.0511, 25.4357, 60.6329

Sweetspot

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



30.7773, 25.4370, 13.4132



78.5205, 78.1788, 73.2773



33.1898, 21.9696, 39.7817



16.8315, 16.6201, 15.2253



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



30.7773, 25.4370, 13.4132



51.0377, 39.0488, 15.2978



38.2749, 40.4322, 15.9124



10.2853, 10.5020, 10.5469



15.4745, 9.2347, 0.9669



0.7273, 0.5163, 0.0613

Inverse Universe

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



27.9691, 33.8060, 56.0897



45.3289, 55.6679, 100.8257



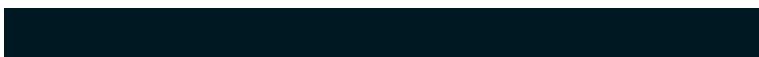
20.5711, 19.0100, 53.6237



10.1356, 10.9626, 12.8666



12.8945, 15.5454, 35.8776



0.6110, 0.7794, 1.5681

Previews

White Background



This preview shows how the XYZ color 30.7767, 25.4357, 13.4127 looks on a white background.

Color Contrast Check

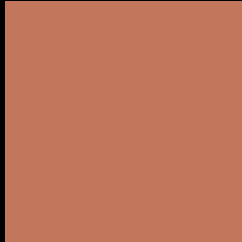
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7767, 25.4357, 13.4127 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 30.7767, 25.4357, 13.4127

Background



This preview shows how black text looks on a background with the XYZ color 30.7767, 25.4357, 13.4127.



This preview shows how white text looks on a background with the XYZ color 30.7767, 25.4357,

13.4127.

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

30.7767, 25.4357, 13.4127

Protanopia

23.7832, 25.4866, 15.7225

Deuteranopia

25.9908, 25.4393, 12.9916



Tritanopia

32.4708, 25.4273, 21.9354

Trichromacy



Original Color

30.7767, 25.4357, 13.4127

Protanomaly

25.7910, 25.0950, 14.7937

Deuteranomaly

27.5663, 25.2640, 13.0964

Tritanomaly

31.6757, 25.2627, 18.5359

Monochromacy



Original Color

30.7767, 25.4357, 13.4127

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.6680, 24.8822, 21.5390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7767, 25.4357, 13.4127 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(194, 119, 92)` looks like.

```
.text, #text, p{  
    color:rgb(194, 119, 92)  
}
```

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(194, 119, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 119, 92) }
```

Border

The CSS property to change the border of an element to XYZ 30.7767, 25.4357, 13.4127 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(194, 119, 92) }
```


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

```
.border{ border-color:rgb(194, 119, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 119, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 119, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 119, 92);  
box-shadow:4px 4px 4px 4px rgb(194, 119,  
92) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7767, 25.4357, 13.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 119, 92) }
```

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

```
.background{ background-color: rgb(194,  
119, 92) }
```

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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