

Converting Colors

XYZ(30.7750, 22.3256, 10.0844)

Have a look what the booklet for
XYZ(30.7750, 22.3256, 10.0844)
contains.

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Color

**XYZ(30.7750, 22.3256,
10.0844)**

Conversions

Conversions Part 1

Format	Color
Hex	CC634F
RGB	204, 99, 79
RGB Percent	80%, 39%, 31%
CMY	0.2000, 0.6117, 0.6902
CMYK	0.00, 0.51, 0.61, 0.20
HSL	10°, 55%, 55%
HSV	10°, 61%, 80%
XYZ	30.7750, 22.3256, 10.0844
YIQ	128.1150, 69.0000, 16.0400

Conversions

Conversions Part 2

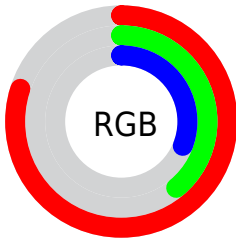
Format	Color
RYB	204, 103, 79
Decimal	13394767
CIELab	54.37, 40.02, 30.84
CIELCh	54, 50.522, 37.621
Yxy	22.3256, 0.4871, 0.3533
Android (android.graphics.Color)	4291584847 (0xFFCC634F)
YUV	128.1150, -24.2137, 66.5511
Hunter-Lab	47.2500, 33.5737, 20.4209

Details

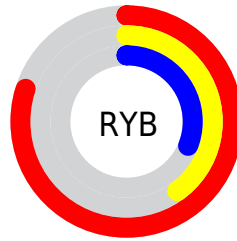
The XYZ color **30.7750, 22.3256, 10.0844** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **31.2628, 40.3004, 63.2575**, and the grayscale version is **20.6231, 21.6971, 23.6281**.

A 20% lighter version of the original color is **56.4307, 45.3015, 26.5387**, and **13.0227, 8.2491, 2.4192** is the 20% darker color. If you saturate the color by 10%, you get **28.6885, 19.1642, 6.2706**, and if you desaturate by 10%, it is **33.4348, 26.2693, 15.2134**.

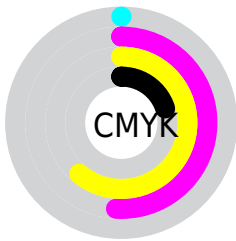
Distribution



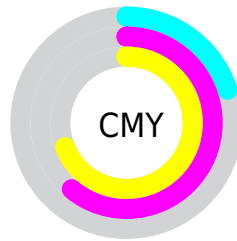
- Red (80%)
- Green (39%)
- Blue (31%)



- Red (80%)
- Yellow (40%)
- Blue (31%)



- Cyan (0%)
- Magenta (51%)
- Yellow (61%)
- Black (20%)




- Cyan (20%)
- Magenta (61%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.7750, 22.3256, 10.0844 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 30.7750, 22.3256, 10.0844 by changing the saturation by 10% instead.


 30.7750, 22.3256,
10.0844


 30.7750, 22.3256,
10.0844


297.3458,
264.2419, 201.7800


 20.5786, 14.0963,
5.3486


 60.2639, 47.2836,
26.5644


 12.9270, 8.1877,
2.3909


 80.2871, 64.7810,
39.1457

 7.4549, 4.2153,
0.7815


 104.3166, 86.1367,
55.1793

 3.7971, 1.7947,
0.0000

 132.7177,
111.7350, 75.0837

 1.5880, 0.4839,
0.0000

 165.8558,
141.9603, 99.2774

 0.3846, 0.0000,
0.0000

204.0963,

 0.0000, 0.0000,

177.1969, 128.1790

0.0000

247.8045,
217.8294, 162.2071

■ 30.7750, 22.3256,
10.0844

■ 30.7750, 22.3256,
10.0844

■ 28.6885, 19.1642,
6.2706

■ 33.4348, 26.2693,
15.2134

■ 27.1301, 16.7290,
3.6499

■ 36.7053, 31.0395,
21.7627

■ 26.0500, 14.9618,
2.0787

■ 40.6224, 36.6810,
29.8278

■ 25.4359, 13.9057,
1.3434

■ 45.2187, 43.2347,
39.4958

■ 50.5248, 50.7385,
50.8471

■ 56.5691, 59.2284,
63.9566

■ 63.3788, 68.7384,
78.8948

■ 70.9794, 79.3011,
95.7282

■ 78.1471, 90.4480,
107.9472

Harmonies

Analogous

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



33.5599, 22.3256, 20.4998



30.7750, 22.3256, 10.0844



25.5182, 22.3256, 5.6532

Triad

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



30.7750, 22.3256, 10.0844



12.8477, 22.3256, 14.4833



22.6573, 22.3256, 68.5390

Complementary

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



30.7750, 22.3256, 10.0844



31.2628, 40.3004, 63.2575

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.



17.4334, 22.3256, 64.5883



30.7750, 22.3256, 10.0844



12.3498, 22.3256, 28.5625

Square

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



30.7750, 22.3256, 10.0844



15.3830, 22.3256, 7.3171



13.8806, 22.3256, 47.9570



28.3728, 22.3256, 57.1666

Rectangle

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



30.7750, 22.3256, 10.0844



21.6630, 22.3256, 4.8406



13.8806, 22.3256, 47.9570



20.7827, 22.3256, 69.0233

Sweetspot

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



30.7755, 22.3268, 10.0848



77.4313, 75.2091, 70.8223



36.4812, 21.9428, 48.3499



16.0450, 15.3484, 14.0344



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.



30.7755, 22.3268, 10.0848



46.4610, 30.1143, 8.5646



38.9273, 38.6303, 12.8020



11.3549, 11.4988, 11.7005



16.0547, 8.8424, 0.8606



0.8750, 0.5497, 0.0600

Inverse Universe

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



31.2628, 40.3004, 63.2575



47.1880, 62.1306, 104.1131



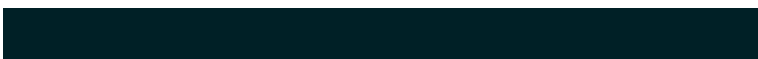
21.1756, 20.1260, 59.8951



11.3845, 12.4093, 14.3656



16.1248, 21.2737, 39.2126



0.8739, 1.1815, 2.0369

Previews

White Background



This preview shows how the XYZ color 30.7750, 22.3256, 10.0844 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 30.7750, 22.3256, 10.0844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

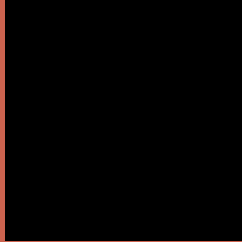
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7750, 22.3256, 10.0844

Background



This preview shows how black text looks on a background with the XYZ color 30.7750, 22.3256, 10.0844.



This preview shows how white text looks on a background with the XYZ color 30.7750, 22.3256,

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

30.7750, 22.3256, 10.0844

Protanopia

20.8555, 22.3833, 13.1187

Deuteranopia

22.8677, 22.5326, 9.6225



Tritanopia

31.7580, 22.3042, 15.2017

Trichromacy



Original Color

30.7750, 22.3256, 10.0844

Protanomaly

23.6270, 21.7743, 11.9744

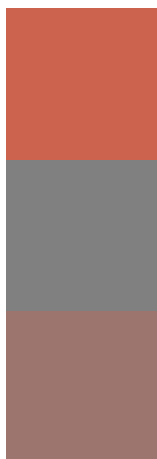
Deuteranomaly

25.2291, 22.1265, 9.7786

Tritanomaly

31.4719, 22.3367, 13.2423

Monochromacy



Original Color

30.7750, 22.3256, 10.0844

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

22.8861, 20.9163, 17.5829

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7750, 22.3256, 10.0844 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(204, 99, 79)` looks like.

```
.text, #text, p{  
    color:rgb(204, 99, 79)  
}
```

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(204, 99, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 99, 79) }
```

Border

The CSS property to change the border of an element to XYZ 30.7750, 22.3256, 10.0844 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(204, 99, 79) }
```


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

```
.border{ border-color:rgb(204, 99, 79) }
```

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

Here you see how a box with a 4 pixel rgb(204, 99, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 99, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 99, 79);  
box-shadow:4px 4px 4px 4px rgb(204, 99,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7750, 22.3256, 10.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 99, 79) }
```

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

```
.background{ background-color: rgb(204, 99,  
79) }
```

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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