

Converting Colors

XYZ(33.7194, 22.9299, 8.2251)

Have a look what the booklet for
XYZ(33.7194, 22.9299, 8.2251)
contains.

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Color

**XYZ(33.8148, 22.9894,
8.2854)**

Conversions

Conversions Part 1

Format	Color
Hex	DA5C45
RGB	218, 92, 69
RGB Percent	85%, 36%, 27%
CMY	0.1451, 0.6392, 0.7294
CMYK	0.00, 0.58, 0.68, 0.15
HSL	9°, 67%, 56%
HSV	9°, 68%, 85%
XYZ	33.8148, 22.9894, 8.2854
YIQ	127.0520, 82.4790, 19.5590

Conversions

Conversions Part 2

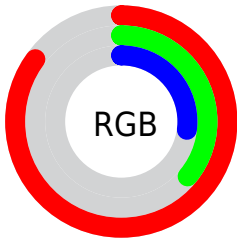
Format	Color
R _Y B	218, 96, 69
Decimal	14310469
CIE Lab	55.06, 47.99, 37.77
CIE LCh	55, 61.070, 38.202
Yxy	22.9894, 0.5195, 0.3532
Android (android.graphics.Color)	4292500549 (0xFFDA5C45)
YUV	127.0520, -28.6196, 79.7614
Hunter-Lab	47.9473, 41.9794, 23.3176

Details

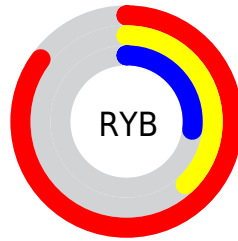
The XYZ color **33.8148, 22.9894, 8.2854** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted red. A complement of this color would be **34.6226, 45.3542, 73.2588**, and the grayscale version is **20.2669, 21.3224, 23.2201**.

A 20% lighter version of the original color is **54.7889, 43.1258, 22.5760**, and **14.7311, 8.5572, 1.7394** is the 20% darker color. If you saturate the color by 10%, you get **31.8509, 19.9531, 4.8832**, and if you desaturate by 10%, it is **36.4168, 26.9047, 13.1263**.

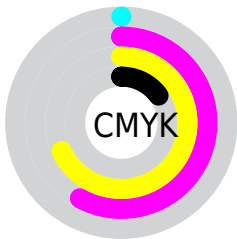
Distribution



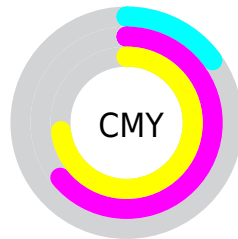
- Red (85%)
- Green (36%)
- Blue (27%)



- Red (85%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (68%)
- Black (15%)





- Cyan (15%)
- Magenta (64%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8148, 22.9894, 8.2854 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 33.8148, 22.9894, 8.2854 by changing the saturation by 10% instead.


 33.8148, 22.9894,
8.2854


 33.8148, 22.9894,
8.2854


310.9059,
267.6705, 187.9711


 22.9136, 14.5857,
4.1877

 64.9918, 48.3759,
23.0714

 14.6500, 8.5291,
1.7289


 85.9982, 66.1275,
34.5968

 8.6589, 4.4353,
0.3804


 111.1038, 87.7639,
49.4352

 4.5747, 1.9199,
0.0000

 140.6739,
113.6693, 68.0052

 2.0321, 0.5603,
0.0000

 175.0737,
144.2283, 90.7252

 0.6519, 0.0000,
0.0000

214.6688,

 0.0000, 0.0000,

179.8253, 118.0138

0.0000

259.8244,
220.8446, 150.2896

■ 33.8148, 22.9894,
8.2854

■ 33.8148, 22.9894,
8.2854

■ 31.8509, 19.9531,
4.8832

■ 36.4168, 26.9047,
13.1263

■ 30.4660, 17.7230,
2.7577

■ 39.7054, 31.7564,
19.5422


■ 29.5855, 16.2182,
1.6745


■ 43.7263, 37.6016,
27.6544


■ 29.4757, 16.0301,
1.5406


■ 48.5207, 44.4916,
37.5722

■ 54.1265, 52.4743,
49.3957

 60.5795, 61.5945,
63.2176

 67.9129, 71.8944,
79.1246

 76.1583, 83.4142,
97.1982

 82.7233, 93.6454,
108.3231

Harmonies

Analogous

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



37.5077, 22.9894, 20.0622



33.8148, 22.9894, 8.2854



27.0722, 22.9894, 3.8803

Triad

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



33.8148, 22.9894, 8.2854



11.8233, 22.9894, 13.5460



23.7689, 22.9894, 83.3637

Complementary

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



33.8148, 22.9894, 8.2854



34.6226, 45.3542, 73.2588

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.



17.3479, 22.9894, 78.3528



33.8148, 22.9894, 8.2854



11.2995, 22.9894, 30.7604

Square

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



33.8148, 22.9894, 8.2854



14.7235, 22.9894, 5.6342



13.1051, 22.9894, 56.0495



30.9712, 22.9894, 67.4725

Rectangle

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



33.8148, 22.9894, 8.2854



22.2634, 22.9894, 3.1627



13.1051, 22.9894, 56.0495



21.4432, 22.9894, 84.1791

Sweetspot

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



33.8153, 22.9907, 8.2858



74.8128, 71.4526, 65.3850



40.9655, 23.1313, 54.3214



15.5309, 14.6077, 12.9770



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.



33.8153, 22.9907, 8.2858



44.4689, 26.9318, 5.4290



43.5965, 42.5530, 11.5462



13.2176, 13.3745, 13.6105



17.7090, 9.7035, 0.9396



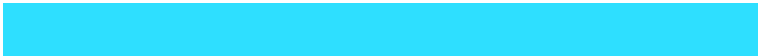
1.1991, 0.7324, 0.0782

Inverse Universe

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



34.6226, 45.3542, 73.2588



45.4833, 60.4207, 103.8729



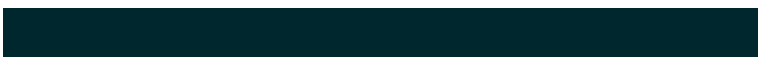
21.9648, 20.0385, 69.0395



13.2647, 14.4692, 16.7458



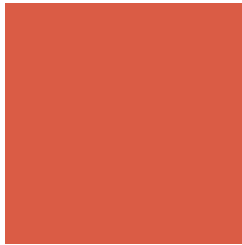
17.9572, 23.7838, 43.3827



1.2106, 1.6352, 2.8263

Previews

White Background



This preview shows how the XYZ color 33.8148, 22.9894, 8.2854 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 33.8148, 22.9894, 8.2854 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 33.8148, 22.9894, 8.2854

Background



This preview shows how black text looks on a background with the XYZ color 33.8148, 22.9894, 8.2854.



This preview shows how white text looks on a background with the XYZ color 33.8148, 22.9894,

8.2854.

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

33.8148, 22.9894, 8.2854

Protanopia

21.3142, 23.0564, 11.5106

Deuteranopia

23.4346, 23.0560, 7.7726



Tritanopia

34.8062, 23.0130, 13.1971

Trichromacy



Original Color

33.8148, 22.9894, 8.2854

Protanomaly

24.5310, 21.9306, 10.1478

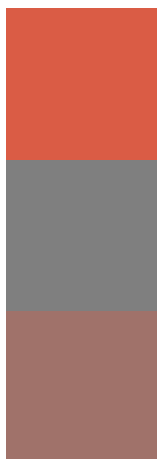
Deuteranomaly

26.4999, 22.4836, 7.9441

Tritanomaly

34.5093, 23.0283, 11.2204

Monochromacy



Original Color

33.8148, 22.9894, 8.2854

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

23.1160, 20.5488, 16.3836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8148, 22.9894, 8.2854 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(218, 92, 69)` looks like.

```
.text, #text, p{  
    color:rgb(218, 92, 69)  
}
```

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(218, 92, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 92, 69) }
```

Border

The CSS property to change the border of an element to XYZ 33.8148, 22.9894, 8.2854 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(218, 92, 69) }
```


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

```
.border{ border-color:rgb(218, 92, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 92, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 92, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 92, 69);  
box-shadow:4px 4px 4px 4px rgb(218, 92,  
69) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8148, 22.9894, 8.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 92, 69) }
```

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

```
.background{ background-color: rgb(218, 92,  
69) }
```

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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