

Converting Colors

XYZ(33.1358, 23.2143, 8.6429)

Have a look what the booklet for
XYZ(33.1358, 23.2143, 8.6429)
contains.

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Color

**XYZ(33.0518, 23.1168,
8.6812)**

Conversions

Conversions Part 1

Format	Color
Hex	D66047
RGB	214, 96, 71
RGB Percent	84%, 38%, 28%
CMY	0.1608, 0.6235, 0.7216
CMYK	0.00, 0.55, 0.67, 0.16
HSL	10°, 64%, 56%
HSV	10°, 67%, 84%
XYZ	33.0518, 23.1168, 8.6812
YIQ	128.4320, 78.3530, 17.2410

Conversions

Conversions Part 2

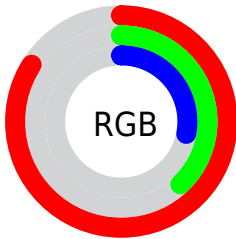
Format	Color
R_{YB}	214, 101, 71
Decimal	14049351
CIE _{Lab}	55.19, 44.74, 36.67
CIE _{LCh}	55, 57.846, 39.334
Yxy	23.1168, 0.5097, 0.3565
Android (android.graphics.Color)	4292239431 (0xFFD66047)
YUV	128.4320, -28.3140, 75.0431
Hunter-Lab	48.0799, 38.5672, 22.9507

Details

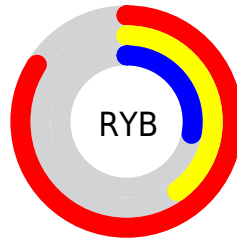
The XYZ color **33.0518, 23.1168, 8.6812** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **32.9324, 42.5871, 70.1025**, and the grayscale version is **20.7451, 21.8254, 23.7679**.

A 20% lighter version of the original color is **55.5365, 44.4288, 23.4178**, and **14.1872, 8.5746, 1.8846** is the 20% darker color. If you saturate the color by 10%, you get **31.0479, 20.0215, 5.2008**, and if you desaturate by 10%, it is **35.6604, 27.0350, 13.5561**.

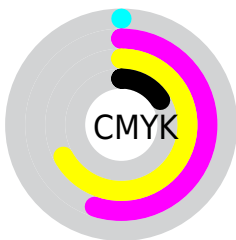
Distribution



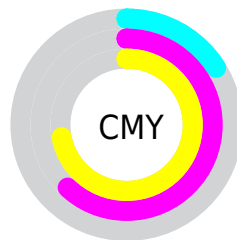
- Red (84%)
- Green (38%)
- Blue (28%)



- Red (84%)
- Yellow (40%)
- Blue (28%)



- Cyan (0%)
- Magenta (55%)
- Yellow (67%)
- Black (16%)





- Cyan (16%)
- Magenta (62%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.0518, 23.1168, 8.6812 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 33.0518, 23.1168, 8.6812 by changing the saturation by 10% instead.


 33.0518, 23.1168,
8.6812


 33.0518, 23.1168,
8.6812


307.5439,
268.3243, 191.1112


 22.3256, 14.6798,
4.4399


 63.8105, 48.5850,
23.8513

 14.2143, 8.5950,
1.8696


 84.5737, 66.3850,
35.6171


 8.3525, 4.4779,
0.4733


 109.4133, 88.0748,
50.7282

 4.3750, 1.9443,
0.0000

 138.6946,
114.0388, 69.6031

 1.9164, 0.5748,
0.0000

 172.7829,
144.6613, 92.6602

 0.5864, 0.0000,
0.0000

212.0437,

 0.0000, 0.0000,

180.3268, 120.3183

0.0000

256.8422,
221.4197, 152.9958

■ 33.0518, 23.1168,
8.6812

■ 33.0518, 23.1168,
8.6812

■ 31.0479, 20.0215,
5.2008

■ 35.6604, 27.0350,
13.5561

■ 29.5958, 17.6855,
2.9650

■ 38.9171, 31.8259,
19.9521

■ 28.6338, 16.0412,
1.7824

■ 42.8631, 37.5397,
27.9827

■ 28.4062, 15.6456,
1.5227

■ 47.5358, 44.2218,
37.7502

■ 52.9695, 51.9145,
49.3487

■ 59.1965, 60.6576,
62.8653

■ 66.2474, 70.4886,
78.3816

■ 74.1509, 81.4434,
95.9746

■ 81.5182, 92.9895,
108.2601

Harmonies

Analogous

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



36.6549, 23.1168, 19.8283



33.0518, 23.1168, 8.6812



26.6551, 23.1168, 4.3980

Triad

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



33.0518, 23.1168, 8.6812



12.2758, 23.1168, 14.5845



24.0495, 23.1168, 79.1451

Complementary

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



33.0518, 23.1168, 8.6812



32.9324, 42.5871, 70.1025

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.



17.8720, 23.1168, 75.3059



33.0518, 23.1168, 8.6812



11.8501, 23.1168, 31.3946

Square

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



33.0518, 23.1168, 8.6812



14.9995, 23.1168, 6.4599



13.6944, 23.1168, 55.1347



30.8262, 23.1168, 63.9461

Rectangle

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



33.0518, 23.1168, 8.6812



22.1165, 23.1168, 3.7211



13.6944, 23.1168, 55.1347



21.8278, 23.1168, 80.1556

Sweetspot

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



33.0523, 23.1181, 8.6816



75.9128, 73.1671, 67.2484



39.2972, 22.5277, 51.0878



15.7561, 14.9639, 13.3427



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.



33.0523, 23.1181, 8.6816



45.2193, 28.2626, 6.2039



42.5657, 42.1449, 11.8527



12.5971, 12.7684, 12.9613



17.2231, 9.5634, 0.9382



1.0933, 0.6858, 0.0747

Inverse Universe

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



32.9324, 42.5871, 70.1025



44.8321, 58.7575, 103.5862



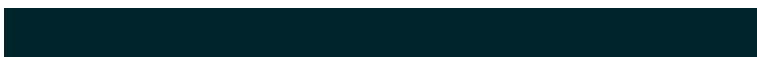
21.2935, 19.3092, 66.2229



12.5989, 13.7211, 15.9219



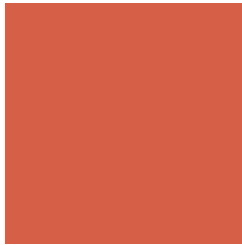
16.8574, 21.9765, 41.8066



1.0664, 1.4248, 2.5381

Previews

White Background



This preview shows how the XYZ color 33.0518, 23.1168, 8.6812 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 33.0518, 23.1168, 8.6812 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 33.0518, 23.1168, 8.6812

Background



This preview shows how black text looks on a background with the XYZ color 33.0518, 23.1168, 8.6812.



This preview shows how white text looks on a background with the XYZ color 33.0518, 23.1168,

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

33.0518, 23.1168, 8.6812

Protanopia

21.4894, 23.3444, 11.7608

Deuteranopia

23.5192, 23.0899, 8.2182



Tritanopia

34.1036, 23.0022, 14.4468

Trichromacy



Original Color

33.0518, 23.1168, 8.6812

Protanomaly

24.4899, 22.4325, 10.4363

Deuteranomaly

26.4353, 22.6118, 8.2814

Tritanomaly

33.7419, 22.9970, 12.1117

Monochromacy



Original Color

33.0518, 23.1168, 8.6812

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

23.1973, 20.9232, 16.7259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0518, 23.1168, 8.6812 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(214, 96, 71)` looks like.

```
.text, #text, p{  
    color:rgb(214, 96, 71)  
}
```

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(214, 96, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 96, 71) }
```

Border

The CSS property to change the border of an element to XYZ 33.0518, 23.1168, 8.6812 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(214, 96, 71) }
```


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

```
.border{ border-color:rgb(214, 96, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 96, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 96, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 96, 71);  
box-shadow:4px 4px 4px 4px rgb(214, 96,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0518, 23.1168, 8.6812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 96, 71) }
```

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

```
.background{ background-color: rgb(214, 96,  
71) }
```

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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