

Converting Colors

XYZ(33.3898, 23.3582, 18.5995)

Have a look what the booklet for
XYZ(33.3898, 23.3582, 18.5995)
contains.

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Color

**XYZ(33.4174, 23.3602,
18.6673)**

Conversions

Conversions Part 1

Format	Color
Hex	D06272
RGB	208, 98, 114
RGB Percent	82%, 38%, 45%
CMY	0.1843, 0.6157, 0.5529
CMYK	0.00, 0.53, 0.45, 0.18
HSL	351°, 54%, 60%
HSV	351°, 53%, 82%
XYZ	33.4174, 23.3602, 18.6673
YIQ	132.7140, 60.4240, 28.2960

Conversions

Conversions Part 2

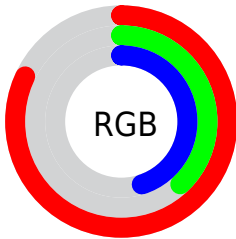
Format	Color
RYB	208, 98, 114
Decimal	13656690
CIELab	55.44, 44.96, 12.07
CIELCh	55, 46.552, 15.026
Yxy	23.3602, 0.4429, 0.3096
Android (android.graphics.Color)	4291846770 (0xFFD06272)
YUV	132.7140, -9.2260, 66.0258
Hunter-Lab	48.3324, 38.8346, 10.9332

Details

The XYZ color **33.4174, 23.3602, 18.6673** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.1086, 51.5147, 57.8600**, and the grayscale version is **22.2082, 23.3648, 25.4443**.

A 20% lighter version of the original color is **59.3512, 46.4696, 41.9178**, and **14.4994, 8.7542, 6.0798** is the 20% darker color. If you saturate the color by 10%, you get **30.8025, 19.5953, 13.2796**, and if you desaturate by 10%, it is **36.7358, 28.2174, 25.2599**.

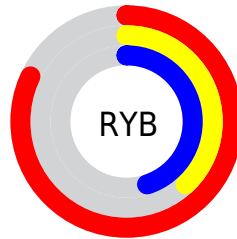
Distribution



Red (82%)

Green (38%)

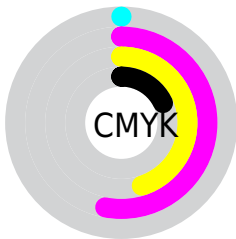
Blue (45%)



Red (82%)

Yellow (38%)

Blue (45%)

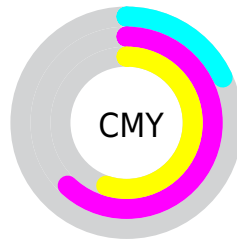


Cyan (0%)

Magenta (53%)

Yellow (45%)

Black (18%)



Cyan (18%)

Magenta (62%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.4174, 23.3602, 18.6673 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 33.4174, 23.3602, 18.6673 by changing the saturation by 10% instead.


 33.4174, 23.3602,
18.6673


 33.4174, 23.3602,
18.6673


309.1582,
269.5697, 256.9671


 22.6072, 14.8597,
11.2558


 64.3770, 48.9841,
42.0003


 14.4228, 8.7210,
6.1228


 85.2570, 66.8763,
58.7589

 8.4990, 4.5596,
2.8499


 110.2244, 88.6678,
79.4702

 4.4703, 1.9913,
1.0185

 139.6444,
114.7431, 104.5529

 1.9715, 0.6024,
0.0000

173.8824,
145.4866, 134.4253

 0.6179, 0.0000,
0.0000

213.3038,

 0.0000, 0.0000,

181.2826, 169.5061

0.0000

258.2740,
222.5155, 210.2139

■ 33.4174, 23.3602,
18.6673

■ 33.4174, 23.3602,
18.6673

■ 30.8025, 19.5953,
13.2796

■ 36.7358, 28.2174,
25.2599

■ 28.8377, 16.8343,
9.0220

■ 40.8021, 34.2389,
33.1235

■ 27.4650, 14.9814,
5.8132

■ 45.6592, 41.4949,
42.3208

■ 26.6147, 13.9198,
3.5598

■ 51.3461, 50.0489,
52.9099

■ 26.2499, 13.5049,
2.4680

■ 57.8994, 59.9600,
64.9456

■ 65.3534, 71.2840,
78.4796

■ 73.7406, 84.0731,
93.5610

■ 79.8224, 92.1499,
108.1874

Harmonies

Analogous

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



33.4205, 23.3602, 33.6378



33.4174, 23.3602, 18.6673



30.1076, 23.3602, 10.0025

Triad

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



33.4174, 23.3602, 18.6673



15.8143, 23.3602, 10.0125



19.7017, 23.3602, 64.7035

Complementary

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



33.4174, 23.3602, 18.6673



37.1086, 51.5147, 57.8600

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.



15.8195, 23.3602, 51.7769



33.4174, 23.3602, 18.6673



13.8270, 23.3602, 18.6880

Square

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



33.4174, 23.3602, 18.6673



19.6935, 23.3602, 6.5124



13.8288, 23.3602, 33.6684



24.9175, 23.3602, 64.6908

Rectangle

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



33.4174, 23.3602, 18.6673



26.7317, 23.3602, 7.2266



13.8288, 23.3602, 33.6684



18.2174, 23.3602, 61.5561

Sweetspot

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



33.4180, 23.3614, 18.6677



78.2731, 74.6288, 78.0817



37.3655, 24.4321, 62.4209



16.3479, 15.3631, 15.9579



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.



33.4180, 23.3614, 18.6677



48.5267, 30.6289, 20.4037



37.0927, 32.0426, 15.7868



11.8778, 11.8359, 12.6322



16.3822, 8.4257, 1.6530



0.9390, 0.4803, 0.2136

Inverse Universe

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



33.4180, 23.3614, 18.6677



48.5267, 30.6289, 20.4037



30.7045, 35.7143, 64.9497



11.8778, 11.8359, 12.6322



16.3822, 8.4257, 1.6530



0.9390, 0.4803, 0.2136

Previews

White Background



This preview shows how the XYZ color 33.4174, 23.3602, 18.6673 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 33.4174, 23.3602, 18.6673 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 33.4174, 23.3602, 18.6673

Background



This preview shows how black text looks on a background with the XYZ color 33.4174, 23.3602, 18.6673.



This preview shows how white text looks on a background with the XYZ color 33.4174, 23.3602,

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

33.4174, 23.3602, 18.6673

Protanopia

22.7057, 23.6752, 25.2029

Deuteranopia

23.9971, 23.5110, 17.7413



Tritanopia

32.7955, 23.2297, 16.3909

Trichromacy



Original Color

33.4174, 23.3602, 18.6673

Protanomaly

25.3184, 22.5950, 22.4289

Deuteranomaly

26.6861, 22.8689, 18.0466

Tritanomaly

32.9543, 23.2932, 17.2272

Monochromacy



Original Color

33.4174, 23.3602, 18.6673

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.9796, 22.4129, 22.7482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.4174, 23.3602, 18.6673 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(208, 98, 114)` looks like.

```
.text, #text, p{  
    color:rgb(208, 98, 114)  
}
```

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(208, 98, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 98, 114) }
```

Border

The CSS property to change the border of an element to XYZ 33.4174, 23.3602, 18.6673 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(208, 98, 114) }
```


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

```
.border{ border-color:rgb(208, 98, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 98, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 98, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 98, 114);  
box-shadow:4px 4px 4px 4px rgb(208, 98,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 33.4174, 23.3602, 18.6673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 98, 114) }
```

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

```
.background{ background-color: rgb(208, 98,  
114) }
```

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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