

Converting Colors

XYZ(33.0518, 24.0496, 18.2293)

Have a look what the booklet for
XYZ(33.0518, 24.0496, 18.2293)
contains.

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Color

**XYZ(33.0518, 24.0496,
18.2293)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6870
RGB	205, 104, 112
RGB Percent	80%, 41%, 44%
CMY	0.1961, 0.5921, 0.5608
CMYK	0.00, 0.49, 0.45, 0.20
HSL	355°, 50%, 61%
HSV	355°, 49%, 80%
XYZ	33.0518, 24.0496, 18.2293
YIQ	135.1110, 57.6280, 23.9000

Conversions

Conversions Part 2

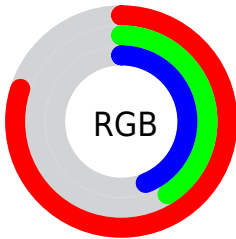
Format	Color
R_{YB}	205, 104, 112
Decimal	13461616
CIE _{Lab}	56.14, 40.67, 14.14
CIE _{LCh}	56, 43.058, 19.178
Yxy	24.0496, 0.4388, 0.3193
Android (android.graphics.Color)	4291651696 (0xFFCD6870)
YUV	135.1110, -11.3937, 61.2927
Hunter-Lab	49.0404, 34.4831, 12.2890

Details

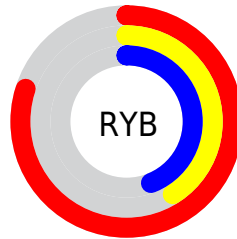
The XYZ color **33.0518, 24.0496, 18.2293** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.6195, 50.6375, 60.6176**, and the grayscale version is **23.0970, 24.2998, 26.4625**.

A 20% lighter version of the original color is **59.9978, 48.0543, 41.2351**, and **14.2311, 9.1194, 5.8606** is the 20% darker color. If you saturate the color by 10%, you get **30.2902, 20.0359, 12.6555**, and if you desaturate by 10%, it is **36.5365, 29.1570, 25.1316**.

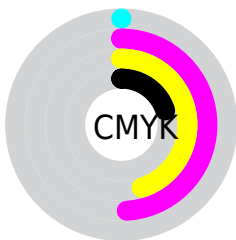
Distribution



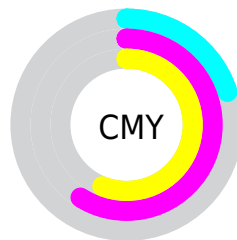
- Red (80%)
- Green (41%)
- Blue (44%)



- Red (80%)
- Yellow (41%)
- Blue (44%)



- Cyan (0%)
- Magenta (49%)
- Yellow (45%)
- Black (20%)





- Cyan (20%)
- Magenta (59%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.0518, 24.0496, 18.2293 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, 24.0496, 18.2293 by changing the saturation by 10% instead.


 33.0518, 24.0496,
18.2293

 33.0518, 24.0496,
18.2293


307.5439,
273.0711, 254.4397


 22.3256, 15.3704,
10.9436


 63.8105, 50.1111,
41.2469


 14.2143, 9.0798,
5.9152


 84.5737, 68.2623,
57.8158

 8.3525, 4.7932,
2.7256


 109.4133, 90.3395,
78.3162

 4.3750, 2.1265,
0.9563

 138.6946,
116.7273, 103.1667

 1.9164, 0.6795,
0.0000

172.7829,
147.8099, 132.7857

 0.5864, 0.0000,
0.0000

212.0437,

 0.0000, 0.0000,

183.9718, 167.5919

0.0000

256.8422,
225.5974, 208.0037

■ 33.0518, 24.0496,
18.2293

■ 33.0518, 24.0496,
18.2293

■ 30.2902, 20.0359,
12.6555

■ 36.5365, 29.1570,
25.1316

■ 28.1990, 17.0326,
8.3236

■ 40.7885, 35.4259,
33.4391

■ 26.7213, 14.9506,
5.1384


■ 45.8504, 42.9231,
43.2239


■ 25.7898, 13.6836,
2.9907

■ 51.7613, 51.7092,
54.5530


■ 25.2992, 13.0542,
1.7422

■ 58.5578, 61.8408,
67.4893

 25.2721, 13.0172,
1.6798

 66.2742, 73.3712,
82.0921

 74.9431, 86.3508,
98.4178

 78.9868, 91.7191,
108.1483

Harmonies

Analogous

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



33.5119, 24.0496, 31.6313



33.0518, 24.0496, 18.2293



29.6451, 24.0496, 10.5262

Triad

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



33.0518, 24.0496, 18.2293



16.3990, 24.0496, 12.1274



21.1214, 24.0496, 63.0114

Complementary

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



33.0518, 24.0496, 18.2293



37.6195, 50.6375, 60.6176

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.



17.1957, 24.0496, 52.6292



33.0518, 24.0496, 18.2293



14.7423, 24.0496, 21.4044

Square

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



33.0518, 24.0496, 18.2293



19.8786, 24.0496, 7.9827



15.0112, 24.0496, 36.1747



26.1220, 24.0496, 61.1875

Rectangle

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



33.0518, 24.0496, 18.2293



26.4028, 24.0496, 8.1042



15.0112, 24.0496, 36.1747



19.6463, 24.0496, 60.7188

Sweetspot

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



33.0524, 24.0508, 18.2297



78.8773, 75.9125, 78.0514



38.8875, 26.1238, 60.7503



16.4536, 15.6105, 15.8818



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.



33.0524, 24.0508, 18.2297



49.4251, 32.5434, 20.3401



37.9681, 34.5633, 17.7686



11.2478, 11.2278, 11.8394



15.7470, 8.1094, 1.1202



0.8252, 0.4235, 0.1252

Inverse Universe

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



33.0524, 24.0508, 18.2297



49.4251, 32.5434, 20.3401



29.8119, 33.5169, 62.6557



11.2478, 11.2278, 11.8394



15.7470, 8.1094, 1.1202



0.8252, 0.4235, 0.1252

Previews

White Background



This preview shows how the XYZ color 33.0518, 24.0496, 18.2293 looks on a white background.

Color Contrast Check

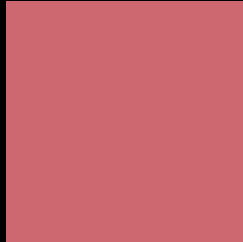
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.0496, 18.2293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

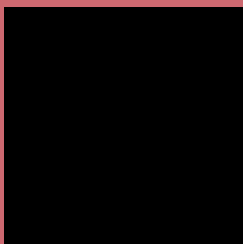
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.0518, 24.0496, 18.2293

Background



This preview shows how black text looks on a background with the XYZ color 33.0518, 24.0496, 18.2293.



This preview shows how white text looks on a background with the XYZ color 33.0518, 24.0496,

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, 24.0496, 18.2293

Protanopia

23.2077, 24.3754, 23.9038

Deuteranopia

24.5940, 24.2161, 17.5653



Tritanopia

32.9964, 24.0275, 17.9376

Trichromacy



Original Color

33.0518, 24.0496, 18.2293

Protanomaly

25.8248, 23.6070, 21.6078

Deuteranomaly

27.0532, 23.7775, 17.6317

Tritanomaly

32.9964, 24.0275, 17.9376

Monochromacy



Original Color

33.0518, 24.0496, 18.2293

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

25.5356, 23.4212, 23.2535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.0518, 24.0496, 18.2293 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(205, 104, 112)` looks like.

```
.text, #text, p{  
    color:rgb(205, 104, 112)  
}
```

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(205, 104, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 104, 112) }
```

Border

The CSS property to change the border of an element to XYZ 33.0518, 24.0496, 18.2293 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(205, 104, 112) }
```


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

```
.border{ border-color:rgb(205, 104, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 104, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 104, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 104, 112);  
box-shadow:4px 4px 4px 4px rgb(205, 104,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 33.0518, 24.0496, 18.2293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 104, 112) }
```

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

```
.background{ background-color: rgb(205,  
104, 112) }
```

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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