

Converting Colors

XYZ(33.5195, 25.4163, 16.9428)

Have a look what the booklet for
XYZ(33.5195, 25.4163, 16.9428)
contains.

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Color

**XYZ(33.5151, 25.4096,
17.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	CD6F6B
RGB	205, 111, 107
RGB Percent	80%, 44%, 42%
CMY	0.1961, 0.5647, 0.5804
CMYK	0.00, 0.46, 0.48, 0.20
HSL	2°, 49%, 61%
HSV	2°, 48%, 80%
XYZ	33.5151, 25.4096, 17.0480
YIQ	138.6500, 57.3080, 18.6840

Conversions

Conversions Part 2

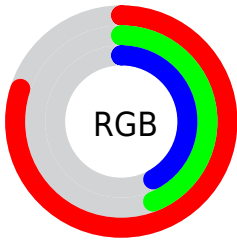
Format	Color
R_{YB}	205, 111, 107
Decimal	13463403
CIE Lab	57.47, 36.55, 18.88
CIE LCh	57, 41.138, 27.320
Yxy	25.4096, 0.4411, 0.3345
Android (android.graphics.Color)	4291653483 (0xFFCD6F6B)
YUV	138.6500, -15.6035, 58.1889
Hunter-Lab	50.4079, 30.4667, 15.2336

Details

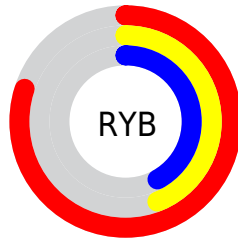
The XYZ color **33.5151, 25.4096, 17.0480** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.9681, 49.3041, 65.2728**, and the grayscale version is **24.4494, 25.7227, 28.0120**.

A 20% lighter version of the original color is **60.6870, 50.2795, 38.8541**, and **14.4641, 9.7610, 5.3967** is the 20% darker color. If you saturate the color by 10%, you get **30.6473, 21.2002, 11.3870**, and if you desaturate by 10%, it is **37.1120, 30.6681, 24.2137**.

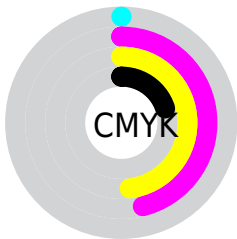
Distribution



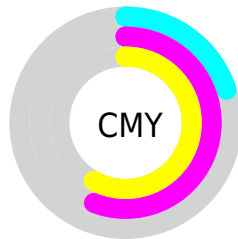
- Red (80%)
- Green (44%)
- Blue (42%)



- Red (80%)
- Yellow (44%)
- Blue (42%)



- Cyan (0%)
- Magenta (46%)
- Yellow (48%)
- Black (20%)





- Cyan (20%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5151, 25.4096, 17.0480 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 33.5151, 25.4096, 17.0480 by changing the saturation by 10% instead.


 33.5151, 25.4096,
17.0480


 33.5151, 25.4096,
17.0480

309.5886,
279.8717, 247.5021


 22.6825, 16.3825,
10.1064


 64.5282, 52.3209,
39.2001

 14.4786, 9.7952,
5.3630


 85.4394, 70.9739,
55.2476

 8.5382, 5.2634,
2.3994


 110.4408, 93.6044,
75.1676

 4.4959, 2.4026,
0.7861

 139.8978,
120.5966, 99.3784

 1.9863, 0.8272,
0.0000

174.1757,
152.3351, 128.2988

 0.6263, 0.0000,
0.0000

213.6399,

 0.0000, 0.0000,

189.2042, 162.3472

0.0000

258.6557,
231.5882, 201.9421

■ 33.5151, 25.4096,
17.0480

■ 33.5151, 25.4096,
17.0480

■ 30.6473, 21.2002,
11.3870

■ 37.1120, 30.6681,
24.2137

■ 28.4570, 17.9662,
7.1224

■ 41.4812, 37.0355,
32.9796

■ 26.8890, 15.6302,
4.1332


■ 46.6647, 44.5716,
43.4345


■ 25.8784, 14.1017,
2.2777

■ 52.7008, 53.3307,
55.6607


■ 25.3414, 13.2691,
1.3548

■ 59.6257, 63.3638,
69.7349

 25.2677, 13.1610,
1.2086

 67.4731, 74.7191,
85.7293

 76.2754, 87.4421,
103.7124

 78.9867, 91.7191,
108.1483

Harmonies

Analogous

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



34.8251, 25.4096, 28.9462



33.5151, 25.4096, 17.0480



29.5976, 25.4096, 10.6157

Triad

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



33.5151, 25.4096, 17.0480



17.0638, 25.4096, 15.5157



23.7137, 25.4096, 64.2703

Complementary

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



33.5151, 25.4096, 17.0480



37.9681, 49.3041, 65.2728

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.



19.4174, 25.4096, 57.1207



33.5151, 25.4096, 17.0480



15.9168, 25.4096, 26.4255

Square

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



33.5151, 25.4096, 17.0480



20.0839, 25.4096, 9.9640



16.7171, 25.4096, 41.9732



28.7333, 25.4096, 59.1886

Rectangle

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



33.5151, 25.4096, 17.0480



26.2764, 25.4096, 8.8215



16.7171, 25.4096, 41.9732



22.1435, 25.4096, 63.1753

Sweetspot

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



33.5157, 25.4109, 17.0485



79.8586, 77.9761, 78.0670



41.0636, 27.7463, 58.9027



16.6471, 16.0427, 15.8072



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.



33.5157, 25.4109, 17.0485



50.2338, 34.7749, 18.7167



40.2747, 38.9288, 19.3014



11.2485, 11.2859, 11.6650



15.7471, 8.2271, 0.7580



0.8255, 0.4508, 0.0435

Inverse Universe

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



37.9681, 49.3041, 65.2728



58.3309, 78.3004, 106.6469



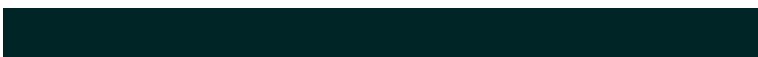
28.4306, 30.2290, 62.0936



11.5024, 12.6453, 14.4049



19.2539, 27.5317, 40.2556



1.0058, 1.4453, 2.0809

Previews

White Background



This preview shows how the XYZ color 33.5151, 25.4096, 17.0480 looks on a white background.

Color Contrast Check

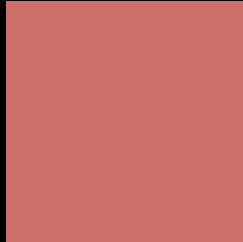
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5151, 25.4096, 17.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

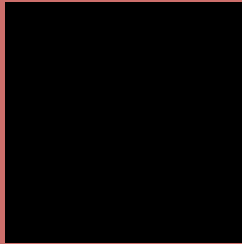
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.5151, 25.4096, 17.0480

Background



This preview shows how black text looks on a background with the XYZ color 33.5151, 25.4096, 17.0480.



This preview shows how white text looks on a background with the XYZ color 33.5151, 25.4096,

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

33.5151, 25.4096, 17.0480

Protanopia

24.1557, 25.5528, 21.4283

Deuteranopia

25.9400, 25.5409, 16.3947



Tritanopia

34.1331, 25.3434, 19.9224

Trichromacy



Original Color

33.5151, 25.4096, 17.0480

Protanomaly

26.7500, 24.8916, 19.6143

Deuteranomaly

28.1924, 25.1317, 16.4617

Tritanomaly

34.0102, 25.4659, 18.7457

Monochromacy



Original Color

33.5151, 25.4096, 17.0480

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.7853, 25.0194, 23.4962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5151, 25.4096, 17.0480 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, 111, 107)` looks like.

```
.text, #text, p{  
    color:rgb(205, 111, 107)  
}
```

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, 111, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 111, 107) }
```

Border

The CSS property to change the border of an element to XYZ 33.5151, 25.4096, 17.0480 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, 111, 107) }
```


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

```
.border{ border-color:rgb(205, 111, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 111, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 111, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 111, 107);  
box-shadow:4px 4px 4px 4px rgb(205, 111,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5151, 25.4096, 17.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 111, 107) }
```

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

```
.background{ background-color: rgb(205,  
111, 107) }
```

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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