

Converting Colors

XYZ(33.1988, 25.7185, 25.7686)

Have a look what the booklet for
XYZ(33.1988, 25.7185, 25.7686)
contains.

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Color

**XYZ(33.1988, 25.7185,
25.7686)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C47386 |
| RGB | 196, 115, 134 |
| RGB Percent | 77%, 45%, 53% |
| CMY | 0.2314, 0.5490, 0.4745 |
| CMYK | 0.00, 0.41, 0.32, 0.23 |
| HSL | 346°, 41%, 61% |
| HSV | 346°, 41%, 77% |
| XYZ | 33.1988, 25.7185, 25.7686 |
| YIQ | 141.3850, 42.1770, 23.0810 |

Conversions

Conversions Part 2

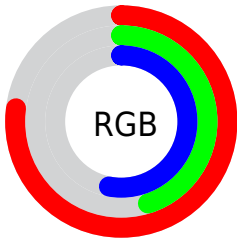
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 196, 115, 134 |
| Decimal | 12874630 |
| CIE _{Lab} | 57.77, 34.16, 3.48 |
| CIE _{LCh} | 58, 34.333, 5.813 |
| Yxy | 25.7185, 0.3920, 0.3037 |
| Android (android.graphics.Color) | 4291064710 (0xFFC47386) |
| YUV | 141.3850, -3.6408, 47.8974 |
| Hunter-Lab | 50.7134, 28.1040, 5.3728 |

Details

The XYZ color **33.1988, 25.7185, 25.7686** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **34.7473, 46.2997, 48.7030**, and the grayscale version is **25.4716, 26.7981, 29.1831**.

A 20% lighter version of the original color is **63.8453, 52.6640, 53.8139**, and **14.3452, 10.0119, 9.7707** is the 20% darker color. If you saturate the color by 10%, you get **30.2235, 21.3253, 19.9752**, and if you desaturate by 10%, it is **36.7992, 31.1239, 32.5034**.

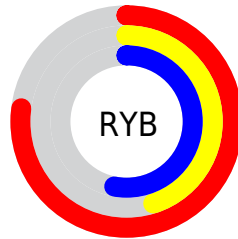
Distribution



Red (77%)

Green (45%)

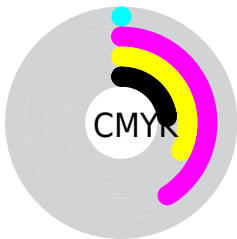
Blue (53%)



Red (77%)

Yellow (45%)

Blue (53%)

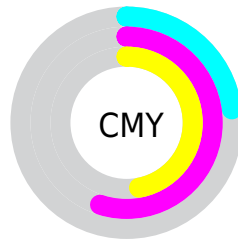


Cyan (0%)

Magenta (41%)

Yellow (32%)

Black (23%)



Cyan (23%)


Magenta (55%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.1988, 25.7185, 25.7686 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 33.1988, 25.7185, 25.7686 by changing the saturation by 10% instead.


 33.1988, 25.7185,
25.7686


 33.1988, 25.7185,
25.7686


308.1938,
281.3975, 295.2135

 22.4387, 16.6132,
16.4264


 64.0384, 52.8205,
53.8809

 14.2980, 9.9591,
9.6688


 84.8486, 71.5859,
73.4881

 8.4113, 5.3718,
5.0772


 109.7396, 94.3401,
97.3540

 4.4133, 2.4670,
2.2331

139.0768,
121.4676, 125.8972

 1.9385, 0.8601,
0.6934

173.2254,
153.3527, 159.5362

 0.5991, 0.0000,
0.0000

212.5509,

 0.0000, 0.0000,

190.3797, 198.6896

0.0000

257.4185,
232.9332, 243.7758

■ 33.1988, 25.7185,
25.7686

■ 33.1988, 25.7185,
25.7686

■ 30.2235, 21.3253,
19.9752

■ 36.7992, 31.1239,
32.5034

■ 27.8345, 17.8773,
15.0787

■ 41.0561, 37.5955,
40.2182

■ 25.9920, 15.3052,
11.0334


■ 46.0013, 45.1879,
48.9511


■ 24.6500, 13.5287,
7.7884


■ 51.6640, 53.9510,
58.7378

■ 23.7546, 12.4525,
5.2870

■ 58.0715, 63.9314,
69.6122

 23.2575, 11.9328,
3.6588

 65.2498, 75.1735,
81.6067

 73.2236, 87.7193,
94.7523

 76.4188, 90.4133,
107.2128

 76.5750, 90.4758,
108.0354

Harmonies

Analogous

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



32.4027, 25.7185, 38.3601



33.1988, 25.7185, 25.7686



31.4446, 25.7185, 16.7192

Triad

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



33.1988, 25.7185, 25.7686



20.0979, 25.7185, 13.3450



21.3418, 25.7185, 54.2018

Complementary

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



33.1988, 25.7185, 25.7686



34.7473, 46.2997, 48.7030

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.



18.5693, 25.7185, 43.4788



33.1988, 25.7185, 25.7686



17.9096, 25.7185, 19.7014

Square

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



33.1988, 25.7185, 25.7686



23.6515, 25.7185, 10.9586



17.3830, 25.7185, 30.3631



25.2554, 25.7185, 57.1651

Rectangle

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



33.1988, 25.7185, 25.7686



29.1694, 25.7185, 13.1212



17.3830, 25.7185, 30.3631



20.2598, 25.7185, 51.2626

Sweetspot

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



33.1995, 25.7198, 25.7691



82.5087, 80.5887, 87.2354



33.9436, 25.4494, 55.3479



17.3932, 16.8382, 18.2041



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.



33.1995, 25.7198, 25.7691



55.0143, 39.0163, 36.7098



34.5593, 30.3727, 20.2623



10.1678, 10.1157, 10.9744



14.9721, 7.6786, 2.4995



0.6746, 0.3429, 0.2539

Inverse Universe

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



33.1995, 25.7198, 25.7691



55.0143, 39.0163, 36.7098



32.5115, 38.5841, 57.9587



10.1678, 10.1157, 10.9744



14.9721, 7.6786, 2.4995



0.6746, 0.3429, 0.2539

Previews

White Background



This preview shows how the XYZ color 33.1988, 25.7185, 25.7686 looks on a white background.

Color Contrast Check

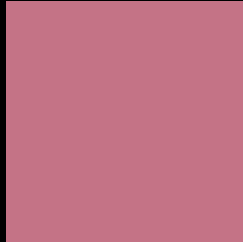
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1988, 25.7185, 25.7686 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 33.1988, 25.7185, 25.7686

Background



This preview shows how black text looks on a background with the XYZ color 33.1988, 25.7185, 25.7686.



This preview shows how white text looks on a background with the XYZ color 33.1988, 25.7185,

25.7686.

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

33.1988, 25.7185, 25.7686

Protanopia

25.0024, 25.7725, 31.2606

Deuteranopia

26.3321, 25.7568, 25.0564



Tritanopia

32.5686, 25.8054, 22.6664

Trichromacy



Original Color

33.1988, 25.7185, 25.7686

Protanomaly

27.3623, 25.3918, 29.0502

Deuteranomaly

28.5488, 25.5026, 25.2476

Tritanomaly

32.6473, 25.6514, 23.6526

Monochromacy



Original Color

33.1988, 25.7185, 25.7686

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.5367, 25.9146, 27.5954

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1988, 25.7185, 25.7686 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(196, 115, 134)` looks like.

```
.text, #text, p{  
    color:rgb(196, 115, 134)  
}
```

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(196, 115, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 115, 134) }
```

Border

The CSS property to change the border of an element to XYZ 33.1988, 25.7185, 25.7686 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(196, 115, 134) }
```


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

```
.border{ border-color:rgb(196, 115, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 115, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 115, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 115, 134);  
box-shadow:4px 4px 4px 4px rgb(196, 115,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1988, 25.7185, 25.7686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 115, 134) }
```

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

```
.background{ background-color: rgb(196,  
115, 134) }
```

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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