

Converting Colors

XYZ(33.1675, 25.6333, 26.9907)

Have a look what the booklet for
XYZ(33.1675, 25.6333, 26.9907)
contains.

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Color

**XYZ(33.1518, 25.6697,
26.8744)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C37389 |
| RGB | 195, 115, 137 |
| RGB Percent | 76%, 45%, 54% |
| CMY | 0.2353, 0.5490, 0.4627 |
| CMYK | 0.00, 0.41, 0.30, 0.24 |
| HSL | 344°, 40%, 61% |
| HSV | 344°, 41%, 76% |
| XYZ | 33.1518, 25.6697, 26.8744 |
| YIQ | 141.4280, 40.6180, 23.8020 |

Conversions

Conversions Part 2

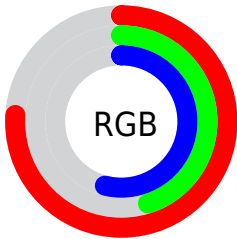
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 195, 115, 137 |
| Decimal | 12809097 |
| CIE Lab | 57.72, 34.19, 1.65 |
| CIE LCh | 58, 34.231, 2.766 |
| Yxy | 25.6697, 0.3869, 0.2995 |
| Android (android.graphics.Color) | 4290999177 (0xFFC37389) |
| YUV | 141.4280, -2.1830, 46.9826 |
| Hunter-Lab | 50.6653, 28.1336, 4.0165 |

Details

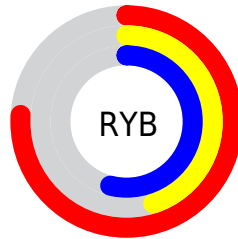
The XYZ color **33.1518, 25.6697, 26.8744** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.1294, 45.6929, 46.5583**, and the grayscale version is **25.4833, 26.8104, 29.1965**.

A 20% lighter version of the original color is **63.8049, 52.6056, 55.5062**, and **14.2581, 9.9577, 10.1874** is the 20% darker color. If you saturate the color by 10%, you get **30.2102, 21.3045, 21.2138**, and if you desaturate by 10%, it is **36.6981, 31.0312, 33.3928**.

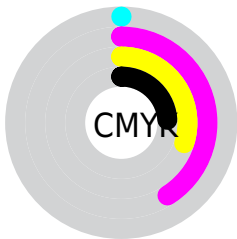
Distribution



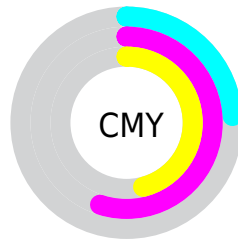
- Red (76%)
- Green (45%)
- Blue (54%)



- Red (76%)
- Yellow (45%)
- Blue (54%)



- Cyan (0%)
- Magenta (41%)
- Yellow (30%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.1518, 25.6697, 26.8744 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 33.1518, 25.6697, 26.8744 by changing the saturation by 10% instead.

■ 33.1518, 25.6697,
26.8744

■ 33.1518, 25.6697,
26.8744

307.9861,
281.1569, 300.7894

■ 22.4026, 16.5767,
17.2473

■ 63.9655, 52.7416,
55.6835

■ 14.2712, 9.9332,
10.2472

■ 84.7608, 71.4893,
75.7027

■ 8.3925, 5.3547,
5.4554

■ 109.6353, 94.2240,
100.0229

■ 4.4010, 2.4568,
2.4535

138.9546,
121.3302, 129.0628

■ 1.9314, 0.8549,
0.8154

173.0840,
153.1922, 163.2408

■ 0.5950, 0.0000,
0.0000

212.3888,

■ 0.0000, 0.0000,

190.1943, 202.9756

0.0000

257.2344,
232.7211, 248.6856

■ 33.1518, 25.6697,
26.8744

■ 33.1518, 25.6697,
26.8744

■ 30.2102, 21.3045,
21.2138

■ 36.6981, 31.0312,
33.3928

■ 27.8361, 17.8699,
16.3725

■ 40.8790, 37.4418,
40.8022

■ 25.9913, 15.2984,
12.3111


■ 45.7252, 44.9549,
49.1357


■ 24.6321, 13.5114,
8.9862


■ 51.2645, 53.6194,
58.4243

■ 23.7067, 12.4159,
6.3493


■ 57.5231, 63.4811,
68.6973

 23.1627, 11.8649,
4.5125

 64.5260, 74.5832,
79.9832

 72.2968, 86.9670,
92.3088

 75.5378, 90.0310,
103.9267

 76.3158, 90.3422,
108.0233

Harmonies

Analogous

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



32.1020, 25.6697, 39.6099



33.1518, 25.6697, 26.8744



31.6473, 25.6697, 17.4233

Triad

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



33.1518, 25.6697, 26.8744



20.3749, 25.6697, 12.9368



20.9649, 25.6697, 53.2200

Complementary

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



33.1518, 25.6697, 26.8744



34.1294, 45.6929, 46.5583

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.



18.3504, 25.6697, 42.0392



33.1518, 25.6697, 26.8744



18.0376, 25.6697, 18.8372

Square

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



33.1518, 25.6697, 26.8744



24.0198, 25.6697, 10.9178



17.3396, 25.6697, 29.0538



24.7807, 25.6697, 57.1168

Rectangle

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



33.1518, 25.6697, 26.8744



29.4870, 25.6697, 13.5505



17.3396, 25.6697, 29.0538



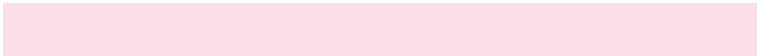
19.9316, 25.6697, 50.0593

Sweetspot

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



33.1525, 25.6709, 26.8749



80.8220, 78.8455, 86.1800



33.0686, 25.0114, 54.7148



17.4344, 16.8546, 18.4210



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.



33.1525, 25.6709, 26.8749



54.7150, 39.0500, 39.1925



33.8977, 29.4343, 20.1160



10.1845, 10.1224, 11.0619



15.0854, 7.7239, 3.0957



0.6819, 0.3458, 0.2925

Inverse Universe

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



33.1525, 25.6709, 26.8749



54.7150, 39.0500, 39.1925



32.7757, 39.2942, 57.4871



10.1845, 10.1224, 11.0619



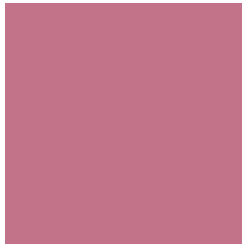
15.0854, 7.7239, 3.0957



0.6819, 0.3458, 0.2925

Previews

White Background



This preview shows how the XYZ color 33.1518, 25.6697, 26.8744 looks on a white background.

Color Contrast Check

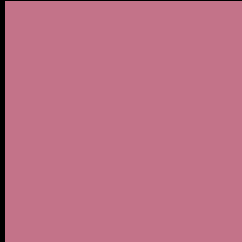
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.1518, 25.6697, 26.8744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

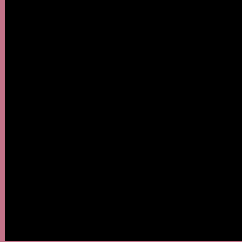
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.1518, 25.6697, 26.8744

Background



This preview shows how black text looks on a background with the XYZ color 33.1518, 25.6697, 26.8744.



This preview shows how white text looks on a background with the XYZ color 33.1518, 25.6697,

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

33.1518, 25.6697, 26.8744

Protanopia

25.1556, 25.8146, 32.9350

Deuteranopia

26.3457, 25.7400, 26.1340



Tritanopia

32.3753, 25.6983, 22.9926

Trichromacy



Original Color

33.1518, 25.6697, 26.8744

Protanomaly

27.4690, 25.4115, 30.6513

Deuteranomaly

28.5401, 25.4741, 26.3344

Tritanomaly

32.5228, 25.5718, 24.3408

Monochromacy



Original Color

33.1518, 25.6697, 26.8744

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.6828, 25.9730, 28.3652

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.1518, 25.6697, 26.8744 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(195, 115, 137)` looks like.

```
.text, #text, p{  
    color:rgb(195, 115, 137)  
}
```

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(195, 115, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 115, 137) }
```

Border

The CSS property to change the border of an element to XYZ 33.1518, 25.6697, 26.8744 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(195, 115, 137) }
```


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

```
.border{ border-color:rgb(195, 115, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 115, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 115, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 115, 137);  
box-shadow:4px 4px 4px 4px rgb(195, 115,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 33.1518, 25.6697, 26.8744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 115, 137) }
```

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

```
.background{ background-color: rgb(195,  
115, 137) }
```

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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