

Converting Colors

XYZ(33.8078, 26.3615, 26.4755)

Have a look what the booklet for
XYZ(33.8078, 26.3615, 26.4755)
contains.

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Color

**XYZ(33.8312, 26.3705,
26.5995)**

Conversions

Conversions Part 1

Format	Color
Hex	C57588
RGB	197, 117, 136
RGB Percent	77%, 46%, 53%
CMY	0.2275, 0.5412, 0.4667
CMYK	0.00, 0.41, 0.31, 0.23
HSL	346°, 41%, 62%
HSV	346°, 41%, 77%
XYZ	33.8312, 26.3705, 26.5995
YIQ	143.0860, 41.5810, 22.8690

Conversions

Conversions Part 2

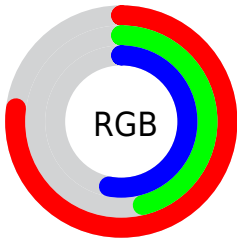
Format	Color
RYB	197, 117, 136
Decimal	12940680
CIELab	58.39, 33.71, 3.23
CIELCh	58, 33.868, 5.468
Yxy	26.3705, 0.3898, 0.3038
Android (android.graphics.Color)	4291130760 (0xFFC57588)
YUV	143.0860, -3.4934, 47.2826
Hunter-Lab	51.3522, 27.7307, 5.2354

Details

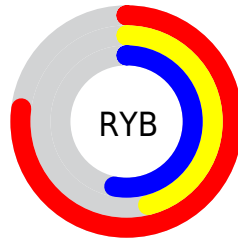
The XYZ color **33.8312, 26.3705, 26.5995** is a light color, and the websafe version is hex **996666**. A complement of this color would be **35.3395, 46.9294, 49.3176**, and the grayscale version is **26.1453, 27.5069, 29.9551**.

A 20% lighter version of the original color is **64.8000, 53.6836, 55.0907**, and **14.6714, 10.3489, 10.0284** is the 20% darker color. If you saturate the color by 10%, you get **30.7789, 21.8562, 20.6788**, and if you desaturate by 10%, it is **37.5176, 31.9131, 33.4704**.

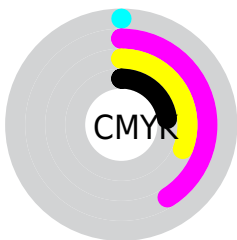
Distribution



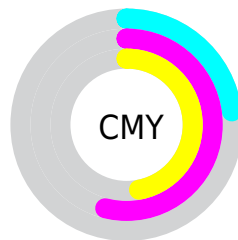
- Red (77%)
- Green (46%)
- Blue (53%)



- Red (77%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (23%)





- Cyan (23%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8312, 26.3705, 26.5995 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 33.8312, 26.3705, 26.5995 by changing the saturation by 10% instead.


 33.8312, 26.3705,
26.5995


 33.8312, 26.3705,
26.5995


310.9779,
284.5961, 299.4113


 22.9262, 17.1010,
17.0429

 65.0171, 53.8721,
55.2364

 14.6594, 10.3065,
10.1028


 86.0288, 72.8729,
75.1538

 8.6655, 5.6027,
5.3607


 111.1400, 95.8864,
99.3619

 4.5790, 2.6050,
2.3980

140.7163,
123.2968, 128.2792

 2.0346, 0.9292,
0.7853

175.1228,
155.4886, 162.3242

 0.6533, 0.0000,
0.0000

214.7250,

 0.0000, 0.0000,

192.8461, 201.9156

0.0000

259.8883,
235.7539, 247.4717

■ 33.8312, 26.3705,
26.5995

■ 33.8312, 26.3705,
26.5995

■ 30.7789, 21.8562,
20.6788

■ 37.5176, 31.9131,
33.4704

■ 28.3217, 18.3029,
15.6640

■ 41.8697, 38.5384,
41.3299

■ 26.4198, 15.6411,
11.5093


■ 46.9194, 46.3013,
50.2163


■ 25.0272, 13.7903,
8.1643


■ 52.6960, 55.2521,
60.1651


■ 24.0899, 12.6553,
5.5725

■ 59.2272, 65.4378,
71.2103

 23.5347, 12.0738,
3.7561

 66.5390, 76.9031,
83.3843

 74.6563, 89.6903,
96.7180

 76.8360, 90.6103,
108.0476

Harmonies

Analogous

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



33.0065, 26.3705, 39.2308



33.8312, 26.3705, 26.5995



32.1055, 26.3705, 17.4333

Triad

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



33.8312, 26.3705, 26.5995



20.7324, 26.3705, 13.8859



21.9092, 26.3705, 54.7757

Complementary

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



33.8312, 26.3705, 26.5995



35.3395, 46.9294, 49.3176

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.



19.1362, 26.3705, 44.0375



33.8312, 26.3705, 26.5995



18.5109, 26.3705, 20.2662

Square

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



33.8312, 26.3705, 26.5995



24.3151, 26.3705, 11.5004



17.9602, 26.3705, 30.9356



25.8289, 26.3705, 57.8300

Rectangle

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



33.8312, 26.3705, 26.5995



29.8417, 26.3705, 13.7549



17.9602, 26.3705, 30.9356



20.8262, 26.3705, 51.8242

Sweetspot

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



33.8319, 26.3718, 26.6000



82.5214, 80.5938, 87.3024



34.5718, 26.1024, 56.0395



17.3962, 16.8394, 18.2198



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.



33.8319, 26.3718, 26.6000



55.5500, 39.7669, 37.8776



35.1835, 31.0473, 20.9697



10.7354, 10.6775, 11.5898



15.5074, 7.9525, 2.6158



0.7636, 0.3883, 0.2781

Inverse Universe

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



33.8319, 26.3718, 26.6000



55.5500, 39.7669, 37.8776



33.1373, 39.2584, 58.6545



10.7354, 10.6775, 11.5898



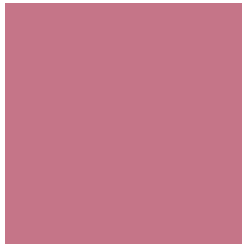
15.5074, 7.9525, 2.6158



0.7636, 0.3883, 0.2781

Previews

White Background



This preview shows how the XYZ color 33.8312, 26.3705, 26.5995 looks on a white background.

Color Contrast Check

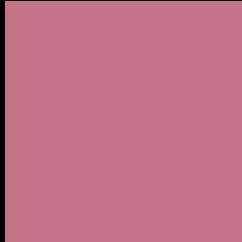
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8312, 26.3705, 26.5995 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 33.8312, 26.3705, 26.5995

Background



This preview shows how black text looks on a background with the XYZ color 33.8312, 26.3705, 26.5995.



This preview shows how white text looks on a background with the XYZ color 33.8312, 26.3705,

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

33.8312, 26.3705, 26.5995

Protanopia

25.7874, 26.5888, 32.2068

Deuteranopia

26.9424, 26.4699, 25.8795



Tritanopia

33.0741, 26.2249, 23.3974

Trichromacy



Original Color

33.8312, 26.3705, 26.5995

Protanomaly

27.9832, 26.0932, 29.9472

Deuteranomaly

29.1666, 26.1924, 26.0726

Tritanomaly

33.2726, 26.3043, 24.4427

Monochromacy



Original Color

33.8312, 26.3705, 26.5995

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.3630, 26.7302, 28.4755

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8312, 26.3705, 26.5995 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(197, 117, 136)` looks like.

```
.text, #text, p{  
    color:rgb(197, 117, 136)  
}
```

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(197, 117, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 117, 136) }
```

Border

The CSS property to change the border of an element to XYZ 33.8312, 26.3705, 26.5995 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(197, 117, 136) }
```


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

```
.border{ border-color:rgb(197, 117, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 117, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 117, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 117, 136);  
box-shadow:4px 4px 4px 4px rgb(197, 117,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8312, 26.3705, 26.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 117, 136) }
```

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

```
.background{ background-color: rgb(197,  
117, 136) }
```

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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