

Converting Colors

XYZ(33.6677, 26.7912, 22.9534)

Have a look what the booklet for
XYZ(33.6677, 26.7912, 22.9534)
contains.

XYZ(33.5872, 26.6801, 22.7816)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(33.5872, 26.6801,
22.7816)**

Conversions

Conversions Part 1

Format	Color
Hex	C6777D
RGB	198, 119, 125
RGB Percent	78%, 47%, 49%
CMY	0.2235, 0.5333, 0.5098
CMYK	0.00, 0.40, 0.37, 0.22
HSL	355°, 41%, 62%
HSV	355°, 40%, 78%
XYZ	33.5872, 26.6801, 22.7816
YIQ	143.3050, 45.1580, 18.6140

Conversions

Conversions Part 2

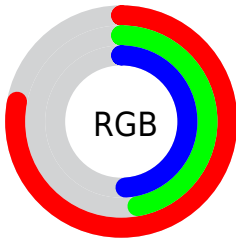
Format	Color
R _Y B	198, 119, 125
Decimal	13006717
CIE Lab	58.68, 31.61, 10.02
CIE LCh	59, 33.160, 17.589
Yxy	26.6801, 0.4044, 0.3213
Android (android.graphics.Color)	4291196797 (0xFFC6777D)
YUV	143.3050, -9.0244, 47.9675
Hunter-Lab	51.6528, 25.6772, 10.0069

Details

The XYZ color **33.5872, 26.6801, 22.7816** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.3175, 48.1164, 57.1923**, and the grayscale version is **26.2533, 27.6205, 30.0787**.

A 20% lighter version of the original color is **64.0284, 53.9794, 49.1639**, and **14.5880, 10.5288, 8.1009** is the 20% darker color. If you saturate the color by 10%, you get **30.4083, 22.0237, 16.4767**, and if you desaturate by 10%, it is **37.4737, 32.4069, 30.3853**.

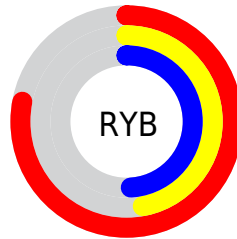
Distribution



Red (78%)

Green (47%)

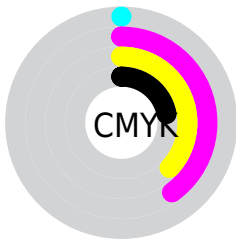
Blue (49%)



Red (78%)

Yellow (47%)

Blue (49%)

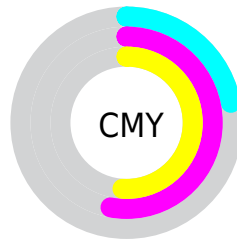


Cyan (0%)

Magenta (40%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (53%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.5872, 26.6801, 22.7816 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 33.5872, 26.6801, 22.7816 by changing the saturation by 10% instead.


 33.5872, 26.6801,
22.7816


 33.5872, 26.6801,
22.7816


309.9059,
286.1049, 279.6867

 22.7380, 17.3331,
14.2285


 64.6398, 54.3701,
48.9531

 14.5198, 10.4723,
8.1392


 85.5739, 73.4819,
67.4086

 8.5672, 5.7132,
4.0951


 110.6004, 96.6174,
90.0021

 4.5148, 2.6715,
1.6777

140.0846,
124.1611, 117.1519

 1.9973, 0.9627,
0.3454

174.3919,
156.4973, 149.2768

 0.6324, 0.0000,
0.0000

213.8877,

 0.0000, 0.0000,

194.0104, 186.7952

0.0000

258.9372,
237.0848, 230.1257

■ 33.5872, 26.6801,
22.7816

■ 33.5872, 26.6801,
22.7816

■ 30.4083, 22.0237,
16.4767

■ 37.4737, 32.4069,
30.3853

■ 27.8924, 18.3677,
11.3963

■ 42.1048, 39.2608,
39.3531

■ 25.9929, 15.6399,
7.4613


■ 47.5172, 47.2991,
49.7479


■ 24.6566, 13.7565,
4.5824


■ 53.7447, 56.5739,
61.6282


■ 23.8207, 12.6190,
2.6572


■ 60.8193, 67.1345,
75.0492

 23.3787, 12.0453,
1.5529

 68.7709, 79.0273,
90.0632

 23.3751, 12.0403,
1.5450

 76.7913, 90.6228,
106.4413

 77.0987, 90.7458,
108.0599

Harmonies

Analogous

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



33.8087, 26.6801, 34.1461



33.5872, 26.6801, 22.7816



31.0202, 26.6801, 15.4296

Triad

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



33.5872, 26.6801, 22.7816



20.0011, 26.6801, 16.3892



23.7112, 26.6801, 56.9470

Complementary

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



33.5872, 26.6801, 22.7816



37.3175, 48.1164, 57.1923

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.



20.4316, 26.6801, 48.9731



33.5872, 26.6801, 22.7816



18.4488, 26.6801, 24.4881

Square

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



33.5872, 26.6801, 22.7816



23.0633, 26.6801, 12.4771



18.5974, 26.6801, 36.3743



27.8014, 26.6801, 56.1289

Rectangle

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



33.5872, 26.6801, 22.7816



28.4655, 26.6801, 12.8484



18.5974, 26.6801, 36.3743



22.4865, 26.6801, 55.1329

Sweetspot

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



33.5879, 26.6814, 22.7821



81.8301, 80.3173, 83.6622



38.3814, 28.4027, 56.8854



17.2348, 16.7748, 17.3698



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.



33.5879, 26.6814, 22.7821



54.4471, 39.8754, 30.3749



37.8340, 35.7683, 22.3644



10.6660, 10.6498, 11.2244



15.2140, 7.8352, 1.0708



0.7320, 0.3756, 0.1117

Inverse Universe

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



33.5879, 26.6814, 22.7821



54.4471, 39.8754, 30.3749



31.2721, 34.9407, 58.5221



10.6660, 10.6498, 11.2244



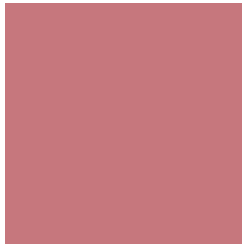
15.2140, 7.8352, 1.0708



0.7320, 0.3756, 0.1117

Previews

White Background



This preview shows how the XYZ color 33.5872, 26.6801, 22.7816 looks on a white background.

Color Contrast Check

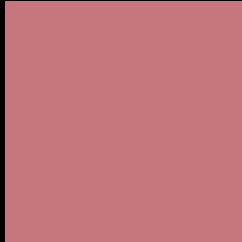
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.5872, 26.6801, 22.7816 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 33.5872, 26.6801, 22.7816

Background



This preview shows how black text looks on a background with the XYZ color 33.5872, 26.6801, 22.7816.



This preview shows how white text looks on a background with the XYZ color 33.5872, 26.6801,

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

33.5872, 26.6801, 22.7816

Protanopia

25.7173, 26.8756, 27.4990

Deuteranopia

27.2173, 26.6948, 22.1305



Tritanopia

33.7163, 26.7317, 23.4614

Trichromacy



Original Color

33.5872, 26.6801, 22.7816

Protanomaly

27.9310, 26.3610, 25.8064

Deuteranomaly

29.2370, 26.5093, 22.3147

Tritanomaly

33.6514, 26.7058, 23.1198

Monochromacy



Original Color

33.5872, 26.6801, 22.7816

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

28.0733, 26.6143, 26.9500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.5872, 26.6801, 22.7816 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(198, 119, 125)` looks like.

```
.text, #text, p{  
    color:rgb(198, 119, 125)  
}
```

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(198, 119, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 119, 125) }
```

Border

The CSS property to change the border of an element to XYZ 33.5872, 26.6801, 22.7816 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(198, 119, 125) }
```


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

```
.border{ border-color:rgb(198, 119, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 119, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 119, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 119, 125);  
box-shadow:4px 4px 4px 4px rgb(198, 119,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 33.5872, 26.6801, 22.7816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 119, 125) }
```

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

```
.background{ background-color: rgb(198,  
119, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor