

Converting Colors

XYZ(33.8163, 27.3217, 23.5700)

Have a look what the booklet for
XYZ(33.8163, 27.3217, 23.5700)
contains.

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Color

**XYZ(33.8163, 27.3217,
23.5700)**

Conversions

Conversions Part 1

Format	Color
Hex	C57A7F
RGB	197, 122, 127
RGB Percent	77%, 48%, 50%
CMY	0.2275, 0.5215, 0.5020
CMYK	0.00, 0.38, 0.36, 0.23
HSL	356°, 39%, 63%
HSV	356°, 38%, 77%
XYZ	33.8163, 27.3217, 23.5700
YIQ	144.9950, 43.0950, 17.4550

Conversions

Conversions Part 2

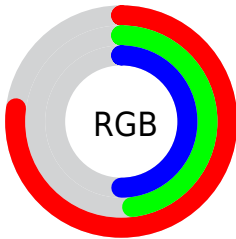
Format	Color
R_{YB}	197, 122, 127
Decimal	12941951
CIE _{Lab}	59.27, 29.85, 9.69
CIE _{LCh}	59, 31.385, 17.984
Yxy	27.3217, 0.3992, 0.3225
Android (android.graphics.Color)	4291132031 (0xFFC57A7F)
YUV	144.9950, -8.8715, 45.6084
Hunter-Lab	52.2702, 24.0082, 9.8537

Details

The XYZ color **33.8163, 27.3217, 23.5700** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.5080, 47.8765, 57.1360**, and the grayscale version is **26.9349, 28.3376, 30.8597**.

A 20% lighter version of the original color is **64.8082, 55.2152, 50.4219**, and **14.6770, 10.8475, 8.5279** is the 20% darker color. If you saturate the color by 10%, you get **30.5470, 22.5290, 17.0976**, and if you desaturate by 10%, it is **37.7961, 33.1851, 31.3588**.

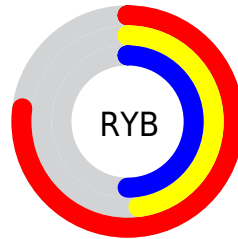
Distribution



Red (77%)

Green (48%)

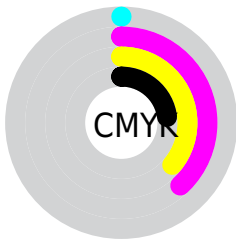
Blue (50%)



Red (77%)

Yellow (48%)

Blue (50%)

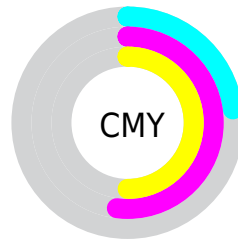


Cyan (0%)

Magenta (38%)

Yellow (36%)

Black (23%)



Cyan (23%)


Magenta (52%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.8163, 27.3217, 23.5700 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 33.8163, 27.3217, 23.5700 by changing the saturation by 10% instead.


 33.8163, 27.3217,
23.5700


 33.8163, 27.3217,
23.5700


310.9125,
289.2114, 283.8555


 22.9147, 17.8150,
14.8057


 64.9941, 55.3997,
50.2626

 14.6509, 10.8172,
8.5380


 86.0010, 74.7397,
69.0280

 8.6595, 5.9441,
4.3484


 111.1071, 98.1263,
91.9641

 4.5751, 2.8111,
1.8184

140.6777,
125.9438, 119.4896

 2.0323, 1.0339,
0.4400

175.0782,
158.5767, 152.0229

 0.6520, 0.0000,
0.0000

214.6739,

 0.0000, 0.0000,

196.4093, 189.9827

0.0000

259.8303,
239.8261, 233.7873

■ 33.8163, 27.3217,
23.5700

■ 33.8163, 27.3217,
23.5700

■ 30.5470, 22.5290,
17.0976

■ 37.7961, 33.1851,
31.3588

■ 27.9442, 18.7386,
11.8674

■ 42.5225, 40.1742,
40.5294

■ 25.9627, 15.8806,
7.8001

■ 48.0318, 48.3451,
51.1450

■ 24.5504, 13.8743,
4.8068

■ 54.3573, 57.7489,
63.2641

■ 23.6468, 12.6251,
2.7855

■ 61.5303, 68.4337,
76.9422

■ 23.1660, 11.9924,
1.6108

■ 69.5805, 80.4451,
92.2319

■ 23.0995, 11.8997,
1.4643

■ 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.



34.0590, 27.3217, 34.4720



33.8163, 27.3217, 23.5700



31.3464, 27.3217, 16.4218

Triad

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



33.8163, 27.3217, 23.5700



20.7621, 27.3217, 17.5145



24.4309, 27.3217, 56.2464

Complementary

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



33.8163, 27.3217, 23.5700



37.5080, 47.8765, 57.1360

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.



21.2437, 27.3217, 48.8380



33.8163, 27.3217, 23.5700



19.2727, 27.3217, 25.4778

Square

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



33.8163, 27.3217, 23.5700



23.7104, 27.3217, 13.5799



19.4397, 27.3217, 36.9225



28.3655, 27.3217, 55.3618

Rectangle

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



33.8163, 27.3217, 23.5700



28.8972, 27.3217, 13.8902



19.4397, 27.3217, 36.9225



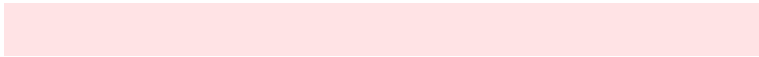
23.2446, 27.3217, 54.5797

Sweetspot

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



33.8170, 27.3230, 23.5705



82.8129, 81.8178, 85.4237



38.7766, 29.1581, 56.4078



17.4296, 17.0735, 17.7146



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.



33.8170, 27.3230, 23.5705



55.4361, 41.4112, 32.0676



38.1780, 36.5532, 23.4573



10.6620, 10.6482, 11.2036



15.2049, 7.8315, 1.0230



0.7302, 0.3749, 0.1022

Inverse Universe

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



33.8170, 27.3230, 23.5705



55.4361, 41.4112, 32.0676



31.4704, 34.9003, 57.9012



10.6620, 10.6482, 11.2036



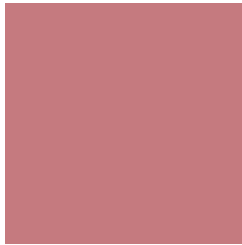
15.2049, 7.8315, 1.0230



0.7302, 0.3749, 0.1022

Previews

White Background



This preview shows how the XYZ color 33.8163, 27.3217, 23.5700 looks on a white background.

Color Contrast Check

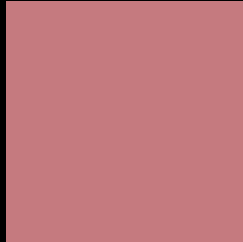
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.8163, 27.3217, 23.5700 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 33.8163, 27.3217, 23.5700

Background



This preview shows how black text looks on a background with the XYZ color 33.8163, 27.3217, 23.5700.



This preview shows how white text looks on a background with the XYZ color 33.8163, 27.3217,

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

33.8163, 27.3217, 23.5700

Protanopia

26.2931, 27.3840, 27.9446

Deuteranopia

28.0364, 27.5247, 22.9039



Tritanopia

33.9601, 27.1838, 24.9298

Trichromacy



Original Color

33.8163, 27.3217, 23.5700

Protanomaly

28.4841, 27.0485, 26.2739

Deuteranomaly

29.8574, 27.2133, 23.0811

Tritanomaly

33.8926, 27.1568, 24.5745

Monochromacy



Original Color

33.8163, 27.3217, 23.5700

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.8429, 27.6188, 27.8555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.8163, 27.3217, 23.5700 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, 122, 127)` looks like.

```
.text, #text, p{  
    color:rgb(197, 122, 127)  
}
```

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, 122, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 122, 127) }
```

Border

The CSS property to change the border of an element to XYZ 33.8163, 27.3217, 23.5700 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, 122, 127) }
```


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

```
.border{ border-color:rgb(197, 122, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 122, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 122, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 122, 127);  
box-shadow:4px 4px 4px 4px rgb(197, 122,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 33.8163, 27.3217, 23.5700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 122, 127) }
```

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

```
.background{ background-color: rgb(197,  
122, 127) }
```

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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