

Converting Colors

XYZ(33.7211, 26.7047, 24.8502)

Have a look what the booklet for
XYZ(33.7211, 26.7047, 24.8502)
contains.

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Color

**XYZ(33.7195, 26.7027,
24.8496)**

Conversions

Conversions Part 1

Format	Color
Hex	C57783
RGB	197, 119, 131
RGB Percent	77%, 47%, 51%
CMY	0.2275, 0.5333, 0.4863
CMYK	0.00, 0.40, 0.34, 0.23
HSL	351°, 40%, 62%
HSV	351°, 40%, 77%
XYZ	33.7195, 26.7027, 24.8496
YIQ	143.6900, 42.6360, 20.2680

Conversions

Conversions Part 2

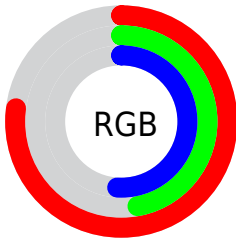
Format	Color
RYB	197, 119, 131
Decimal	12941187
CIELab	58.70, 31.98, 6.57
CIELCh	59, 32.650, 11.605
Yxy	26.7027, 0.3954, 0.3131
Android (android.graphics.Color)	4291131267 (0xFFC57783)
YUV	143.6900, -6.2562, 46.7529
Hunter-Lab	51.6747, 26.0468, 7.6605

Details

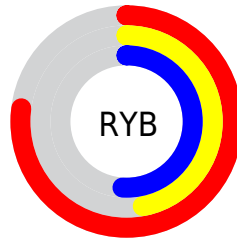
The XYZ color **33.7195, 26.7027, 24.8496** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **36.3322, 47.3578, 53.1277**, and the grayscale version is **26.3977, 27.7724, 30.2441**.

A 20% lighter version of the original color is **64.6443, 54.2257, 52.4069**, and **14.6356, 10.5282, 9.2434** is the 20% darker color. If you saturate the color by 10%, you get **30.5729, 22.0745, 18.6678**, and if you desaturate by 10%, it is **37.5353, 32.3781, 32.1519**.

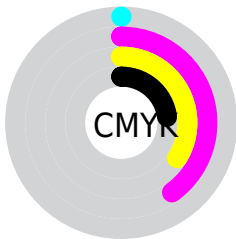
Distribution



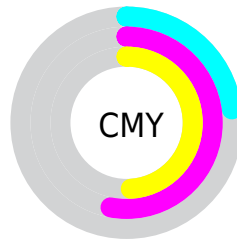
- Red (77%)
- Green (47%)
- Blue (51%)



- Red (77%)
- Yellow (47%)
- Blue (51%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (23%)





- Cyan (23%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 33.7195, 26.7027, 24.8496 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 33.7195, 26.7027, 24.8496 by changing the saturation by 10% instead.


 33.7195, 26.7027,
24.8496


 33.7195, 26.7027,
24.8496


310.4875,
286.2148, 290.5118


 22.8401, 17.3501,
15.7470


 64.8444, 54.4064,
52.3742

 14.5955, 10.4844,
9.1929


 85.8206, 73.5263,
71.6334

 8.6205, 5.7213,
4.7687


 110.8931, 96.6707,
95.1151

 4.5496, 2.6764,
2.0558

140.4273,
124.2241, 123.2380

 2.0175, 0.9652,
0.5893

174.7884,
156.5708, 156.4205

 0.6438, 0.0000,
0.0000

214.3419,

 0.0000, 0.0000,

194.0952, 195.0813

0.0000

259.4532,
237.1817, 239.6389

■ 33.7195, 26.7027,
24.8496

■ 33.7195, 26.7027,
24.8496

■ 30.5729, 22.0745,
18.6678

■ 37.5353, 32.3781,
32.1519

■ 28.0544, 18.4255,
13.5492

■ 42.0538, 39.1553,
40.6250

■ 26.1217, 15.6861,
9.4336


■ 47.3090, 47.0898,
50.3180


■ 24.7262, 13.7756,
6.2541


■ 53.3320, 56.2322,
61.2768


■ 23.8114, 12.5992,
3.9354


■ 60.1519, 66.6301,
73.5448

 23.2817, 11.9866,
2.3815

 67.7966, 78.3286,
87.1634

 23.2641, 11.9656,
2.3317

 75.6815, 90.1485,
101.9685

 76.8359, 90.6103,
108.0476

Harmonies

Analogous

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



33.4342, 26.7027, 36.6260



33.7195, 26.7027, 24.8496



31.6023, 26.7027, 16.7251

Triad

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



33.7195, 26.7027, 24.8496



20.5909, 26.7027, 15.4765



23.0207, 26.7027, 55.5096

Complementary

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



33.7195, 26.7027, 24.8496



36.3322, 47.3578, 53.1277

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.



20.0334, 26.7027, 46.3673



33.7195, 26.7027, 24.8496



18.7360, 26.7027, 22.6400

Square

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



33.7195, 26.7027, 24.8496



23.8584, 26.7027, 12.3479



18.5433, 26.7027, 33.7535



26.9652, 26.7027, 56.5595

Rectangle

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



33.7195, 26.7027, 24.8496



29.2318, 26.7027, 13.6382



18.5433, 26.7027, 33.7535



21.8826, 26.7027, 53.1874

Sweetspot

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



33.7202, 26.7040, 24.8501



82.1610, 80.4496, 85.4044



36.4429, 27.4167, 56.1945



17.3120, 16.8057, 17.7762



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.



33.7202, 26.7040, 24.8501



55.1933, 40.1739, 34.3046



36.4820, 33.4543, 21.9890



10.6993, 10.6631, 11.3996



15.3218, 7.8783, 1.6384



0.7472, 0.3817, 0.1920

Inverse Universe

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



33.7202, 26.7040, 24.8501



55.1933, 40.1739, 34.3046



32.2498, 37.0801, 58.2807



10.6993, 10.6631, 11.3996



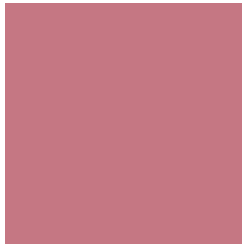
15.3218, 7.8783, 1.6384



0.7472, 0.3817, 0.1920

Previews

White Background



This preview shows how the XYZ color 33.7195, 26.7027, 24.8496 looks on a white background.

Color Contrast Check

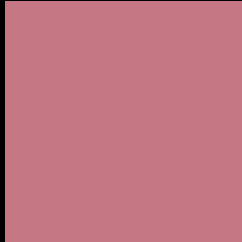
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.7195, 26.7027, 24.8496 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 33.7195, 26.7027, 24.8496

Background



This preview shows how black text looks on a background with the XYZ color 33.7195, 26.7027, 24.8496.



This preview shows how white text looks on a background with the XYZ color 33.7195, 26.7027,

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

33.7195, 26.7027, 24.8496

Protanopia

25.9844, 26.9622, 29.8213

Deuteranopia

27.3391, 26.9234, 24.1779



Tritanopia

33.5191, 26.6225, 23.7941

Trichromacy



Original Color

33.7195, 26.7027, 24.8496

Protanomaly

28.1520, 26.4257, 28.0430

Deuteranomaly

29.1787, 26.4345, 24.3334

Tritanomaly

33.5852, 26.6489, 24.1425

Monochromacy



Original Color

33.7195, 26.7027, 24.8496

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.4284, 26.9786, 28.1351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.7195, 26.7027, 24.8496 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, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(197, 119, 131)  
}
```

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, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 119, 131) }
```

Border

The CSS property to change the border of an element to XYZ 33.7195, 26.7027, 24.8496 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, 119, 131) }
```


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

```
.border{ border-color:rgb(197, 119, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 119, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(197, 119,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 33.7195, 26.7027, 24.8496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 119, 131) }
```

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

```
.background{ background-color: rgb(197,  
119, 131) }
```

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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