

Converting Colors

XYZ(34.7536, 26.9817, 25.8390)

Have a look what the booklet for
XYZ(34.7536, 26.9817, 25.8390)
contains.

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Color

**XYZ(34.8689, 27.0956,
25.9464)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C97686 |
| RGB | 201, 118, 134 |
| RGB Percent | 79%, 46%, 53% |
| CMY | 0.2118, 0.5372, 0.4745 |
| CMYK | 0.00, 0.41, 0.33, 0.21 |
| HSL | 348°, 43%, 63% |
| HSV | 348°, 41%, 79% |
| XYZ | 34.8689, 27.0956, 25.9464 |
| YIQ | 144.6410, 44.3320, 22.5720 |

Conversions

Conversions Part 2

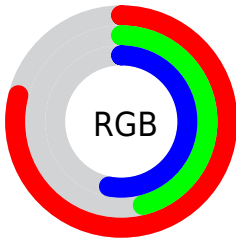
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 118, 134 |
| Decimal | 13203078 |
| CIE _{Lab} | 59.06, 34.39, 5.42 |
| CIE _{LCh} | 59, 34.813, 8.963 |
| Yxy | 27.0956, 0.3966, 0.3082 |
| Android (android.graphics.Color) | 4291393158 (0xFFC97686) |
| YUV | 144.6410, -5.2460, 49.4268 |
| Hunter-Lab | 52.0534, 28.4778, 6.8839 |

Details

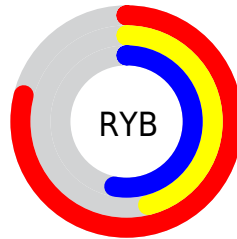
The XYZ color **34.8689, 27.0956, 25.9464** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **37.1161, 49.1283, 53.4281**, and the grayscale version is **26.7767, 28.1712, 30.6785**.

A 20% lighter version of the original color is **64.7726, 53.9737, 54.0178**, and **15.3239, 10.6899, 9.8500** is the 20% darker color. If you saturate the color by 10%, you get **31.7029, 22.4379, 19.7294**, and if you desaturate by 10%, it is **38.7144, 32.8341, 33.2472**.

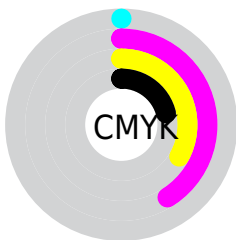
Distribution



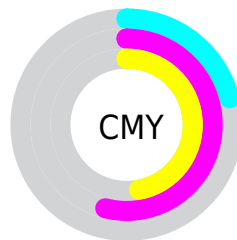
- Red (79%)
- Green (46%)
- Blue (53%)



- Red (79%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (21%)





- Cyan (21%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.8689, 27.0956, 25.9464 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 34.8689, 27.0956, 25.9464 by changing the saturation by 10% instead.


 34.8689, 27.0956,
25.9464


 34.8689, 27.0956,
25.9464


315.5074,
288.1197, 296.1160


 23.7279, 17.6450,
16.5581


 66.6180, 55.0372,
54.1715

 15.2556, 10.6954,
9.7613


 87.9568, 74.2971,
73.8454

 9.0864, 5.8624,
5.1375


 113.4257, 97.5955,
97.7849

 4.8552, 2.7616,
2.2680

143.3899,
125.3169, 126.4086

 2.1964, 1.0086,
0.7132

178.2148,
157.8456, 160.1350

 0.7408, 0.0000,
0.0000

218.2658,

 0.0000, 0.0000,

195.5660, 199.3827

0.0000

263.9082,
238.8626, 244.5702

■ 34.8689, 27.0956,
25.9464

■ 34.8689, 27.0956,
25.9464

■ 31.7029, 22.4379,
19.7294

■ 38.7144, 32.8341,
33.2472

■ 29.1739, 18.7891,
14.5423

■ 43.2740, 39.7112,
41.6790

■ 27.2382, 16.0750,
10.3288


■ 48.5826, 47.7856,
51.2879


■ 25.8452, 14.2095,
7.0264


■ 54.6722, 57.1105,
62.1173


■ 24.9354, 13.0901,
4.5649

■ 61.5728, 67.7360,
74.2079

 24.4493, 12.5623,
3.0329

 69.3130, 79.7096,
87.5990

 76.7262, 90.6891,
101.9299

 77.8974, 91.1575,
108.0973

Harmonies

Analogous

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



34.3180, 27.0956, 38.9007



34.8689, 27.0956, 25.9464



32.7733, 27.0956, 16.9209

Triad

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



34.8689, 27.0956, 25.9464



20.8718, 27.0956, 14.5924



22.8832, 27.0956, 57.7700

Complementary

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



34.8689, 27.0956, 25.9464



37.1161, 49.1283, 53.4281

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.



19.8154, 27.0956, 47.1489



34.8689, 27.0956, 25.9464



18.7476, 27.0956, 21.7548

Square

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



34.8689, 27.0956, 25.9464



24.4799, 27.0956, 11.6804



18.3838, 27.0956, 33.3695



27.0706, 27.0956, 59.8224

Rectangle

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



34.8689, 27.0956, 25.9464



30.2819, 27.0956, 13.4433



18.3838, 27.0956, 33.3695



21.7008, 27.0956, 54.9655

Sweetspot

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



34.8696, 27.0969, 25.9469



82.3280, 80.5165, 86.2842



36.8851, 27.4152, 58.6060



17.3510, 16.8213, 17.9817



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.



34.8696, 27.0969, 25.9469



54.5676, 38.8376, 34.3573



37.1658, 33.3417, 21.6180



10.7160, 10.6698, 11.4878



15.3986, 7.9090, 2.0428



0.7548, 0.3848, 0.2321

Inverse Universe

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



34.8696, 27.0969, 25.9469



54.5676, 38.8376, 34.3573



33.5599, 39.1596, 61.0482



10.7160, 10.6698, 11.4878



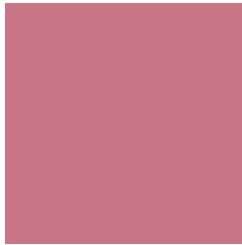
15.3986, 7.9090, 2.0428



0.7548, 0.3848, 0.2321

Previews

White Background



This preview shows how the XYZ color 34.8689, 27.0956, 25.9464 looks on a white background.

Color Contrast Check

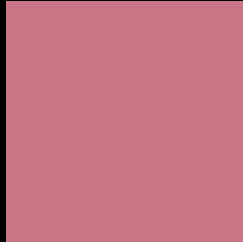
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8689, 27.0956, 25.9464 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 34.8689, 27.0956, 25.9464

Background



This preview shows how black text looks on a background with the XYZ color 34.8689, 27.0956, 25.9464.



This preview shows how white text looks on a background with the XYZ color 34.8689, 27.0956,

25.9464.

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

34.8689, 27.0956, 25.9464

Protanopia

26.4411, 27.3819, 31.4954

Deuteranopia

27.8832, 27.3927, 25.2905



Tritanopia

34.3125, 27.0315, 23.8312

Trichromacy



Original Color

34.8689, 27.0956, 25.9464

Protanomaly

28.7871, 26.7274, 29.2328

Deuteranomaly

30.1857, 27.1286, 25.4752

Tritanomaly

34.4455, 27.0847, 24.5315

Monochromacy



Original Color

34.8689, 27.0956, 25.9464

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.9887, 27.2504, 28.9313

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8689, 27.0956, 25.9464 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(201, 118, 134)` looks like.

```
.text, #text, p{  
    color:rgb(201, 118, 134)  
}
```

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(201, 118, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 118, 134) }
```

Border

The CSS property to change the border of an element to XYZ 34.8689, 27.0956, 25.9464 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(201, 118, 134) }
```


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

```
.border{ border-color:rgb(201, 118, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 118, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 118, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 118, 134);  
box-shadow:4px 4px 4px 4px rgb(201, 118,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8689, 27.0956, 25.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 118, 134) }
```

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

```
.background{ background-color: rgb(201,  
118, 134) }
```

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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