

Converting Colors

XYZ(38.6343, 27.4025, 27.8148)

Have a look what the booklet for
XYZ(38.6343, 27.4025, 27.8148)
contains.

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Color

**XYZ(38.6380, 27.3409,
27.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	D96C8B
RGB	217, 108, 139
RGB Percent	85%, 42%, 55%
CMY	0.1490, 0.5764, 0.4549
CMYK	0.00, 0.50, 0.36, 0.15
HSL	343°, 59%, 64%
HSV	343°, 50%, 85%
XYZ	38.6380, 27.3409, 27.6670
YIQ	144.1250, 55.0130, 32.7490

Conversions

Conversions Part 2

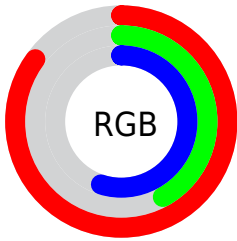
Format	Color
R _{YB}	217, 108, 139
Decimal	14249099
CIE _{Lab}	59.29, 45.87, 3.13
CIE _{LCh}	59, 45.980, 3.905
Yxy	27.3409, 0.4126, 0.2920
Android (android.graphics.Color)	4292439179 (0xFFD96C8B)
YUV	144.1250, -2.5266, 63.9114
Hunter-Lab	52.2885, 40.3956, 5.2303

Details

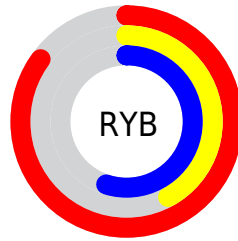
The XYZ color **38.6380, 27.3409, 27.6670** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.8615, 56.3596, 55.2350**, and the grayscale version is **26.5548, 27.9377, 30.4241**.

A 20% lighter version of the original color is **63.6748, 50.9064, 56.3391**, and **17.4674, 10.8246, 10.6199** is the 20% darker color. If you saturate the color by 10%, you get **35.5723, 22.8982, 21.4390**, and if you desaturate by 10%, it is **42.4359, 32.9898, 34.9348**.

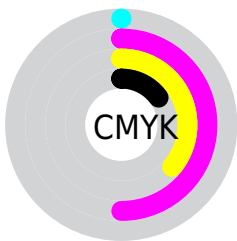
Distribution



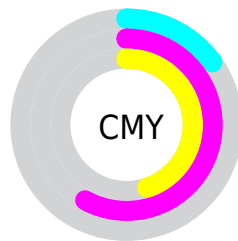
- Red (85%)
- Green (42%)
- Blue (55%)



- Red (85%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (50%)
- Yellow (36%)
- Black (15%)





- Cyan (15%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6380, 27.3409, 27.6670 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 38.6380, 27.3409, 27.6670 by changing the saturation by 10% instead.


 38.6380, 27.3409,
27.6670


 38.6380, 27.3409,
27.6670

331.5827,
289.3039, 304.7340


 26.6577, 17.8294,
17.8379


 72.3826, 55.4304,
56.9690


 17.4516, 10.8276,
10.6655


 94.8776, 74.7772,
77.2791

 10.6543, 5.9510,
5.7310


 121.6082, 98.1713,
101.9199

 5.9004, 2.8153,
2.6161

 152.9397,
125.9970, 131.3100

 2.8247, 1.0361,
0.9007

189.2376,
158.6387, 165.8679

 1.0618, 0.0000,
0.0000

230.8672,

 0.0000, 0.0000,

196.4808, 206.0122

0.0000

278.1937,
239.9078, 252.1614

■ 38.6380, 27.3409,
27.6670

■ 38.6380, 27.3409,
27.6670

■ 35.5723, 22.8982,
21.4390

■ 42.4359, 32.9898,
34.9348

■ 33.1867, 19.5688,
16.1993

■ 47.0087, 39.9205,
43.2874

■ 31.4256, 17.2526,
11.8940


■ 52.3984, 48.2074,
52.7685


■ 30.2227, 15.8298,
8.4623


■ 58.6435, 57.9178,
63.4193

■ 29.4768, 15.0963,
5.8758

■ 65.7795, 69.1147,
75.2785

 73.8404, 81.8572,
88.3832

 81.2728, 93.0307,
102.2405

 82.4252, 93.4917,
108.3092

Harmonies

Analogous

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



37.2222, 27.3409, 45.9651



38.6380, 27.3409, 27.6670



36.2747, 27.3409, 15.3806

Triad

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



38.6380, 27.3409, 27.6670



20.2994, 27.3409, 10.4765



21.4245, 27.3409, 68.1746

Complementary

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



38.6380, 27.3409, 27.6670



39.8615, 56.3596, 55.2350

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.



17.8549, 27.3409, 51.1317



38.6380, 27.3409, 27.6670



17.2756, 27.3409, 17.9101

Square

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



38.6380, 27.3409, 27.6670



25.2418, 27.3409, 8.0482



16.4509, 27.3409, 31.9761



26.7461, 27.3409, 73.7975

Rectangle

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



38.6380, 27.3409, 27.6670



33.0524, 27.3409, 10.8261



16.4509, 27.3409, 31.9761



20.0074, 27.3409, 63.3454

Sweetspot

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



38.6387, 27.3423, 27.6675



79.9403, 76.3377, 83.6490



37.7272, 25.9639, 68.6687



16.7064, 15.7116, 17.2131



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.



38.6387, 27.3423, 27.6675



51.1415, 32.8228, 30.6341



39.2791, 31.7480, 18.2469



13.2075, 13.1121, 14.3540



17.8831, 9.1543, 3.7645



1.1952, 0.6077, 0.4369

Inverse Universe

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



38.6387, 27.3423, 27.6675



51.1415, 32.8228, 30.6341



38.2697, 47.3187, 72.7620



13.2075, 13.1121, 14.3540



17.8831, 9.1543, 3.7645



1.1952, 0.6077, 0.4369

Previews

White Background



This preview shows how the XYZ color 38.6380, 27.3409, 27.6670 looks on a white background.

Color Contrast Check

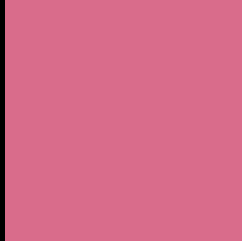
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.6380, 27.3409, 27.6670 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 38.6380, 27.3409, 27.6670

Background



This preview shows how black text looks on a background with the XYZ color 38.6380, 27.3409, 27.6670.



This preview shows how white text looks on a background with the XYZ color 38.6380, 27.3409,

27.6670.

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

38.6380, 27.3409, 27.6670

Protanopia

26.9155, 27.5119, 36.6926

Deuteranopia

27.8888, 27.3718, 26.3676



Tritanopia

37.2087, 27.3915, 21.0953

Trichromacy



Original Color

38.6380, 27.3409, 27.6670

Protanomaly

30.0123, 26.6673, 33.2712

Deuteranomaly

31.0894, 26.7801, 26.8230

Tritanomaly

37.8341, 27.5001, 23.3926

Monochromacy



Original Color

38.6380, 27.3409, 27.6670

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

29.7934, 26.8435, 29.2022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6380, 27.3409, 27.6670 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(217, 108, 139)` looks like.

```
.text, #text, p{  
    color:rgb(217, 108, 139)  
}
```

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(217, 108, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 108, 139) }
```

Border

The CSS property to change the border of an element to XYZ 38.6380, 27.3409, 27.6670 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(217, 108, 139) }
```


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

```
.border{ border-color:rgb(217, 108, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 108, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 108, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 108, 139); box-shadow:4px 4px 4px 4px rgb(217, 108, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6380, 27.3409, 27.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 108, 139) }
```

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

```
.background{ background-color: rgb(217,  
108, 139) }
```

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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