

Converting Colors

XYZ(38.5547, 27.9667, 34.4505)

Have a look what the booklet for
XYZ(38.5547, 27.9667, 34.4505)
contains.

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Color

**XYZ(38.3999, 27.8785,
34.3675)**

Conversions

Conversions Part 1

Format	Color
Hex	D2719B
RGB	210, 113, 155
RGB Percent	82%, 44%, 61%
CMY	0.1765, 0.5568, 0.3922
CMYK	0.00, 0.46, 0.26, 0.18
HSL	334°, 52%, 63%
HSV	334°, 46%, 82%
XYZ	38.3999, 27.8785, 34.3675
YIQ	146.7910, 44.3300, 33.6260

Conversions

Conversions Part 2

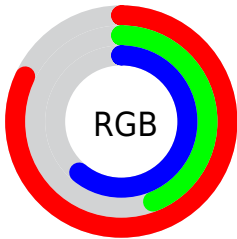
Format	Color
R _Y B	210, 113, 155
Decimal	13791643
CIE Lab	59.78, 43.00, -5.52
CIE LCh	60, 43.350, 352.684
Yxy	27.8785, 0.3815, 0.2770
Android (android.graphics.Color)	4291981723 (0xFFD2719B)
YUV	146.7910, 4.0470, 55.4343
Hunter-Lab	52.8001, 37.4174, -1.6317

Details

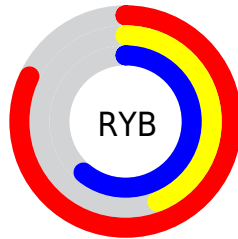
The XYZ color **38.3999, 27.8785, 34.3675** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **36.9259, 52.4319, 45.2227**, and the grayscale version is **27.6187, 29.0571, 31.6431**.

A 20% lighter version of the original color is **66.5673, 53.5009, 67.1398**, and **17.3043, 11.1093, 14.3290** is the 20% darker color. If you saturate the color by 10%, you get **35.3711, 23.3430, 28.6649**, and if you desaturate by 10%, it is **42.0710, 33.5402, 40.7714**.

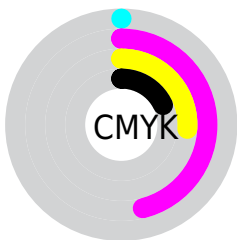
Distribution



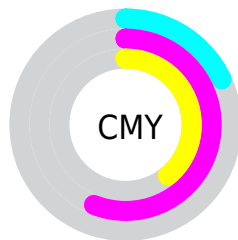
- Red (82%)
- Green (44%)
- Blue (61%)



- Red (82%)
- Yellow (44%)
- Blue (61%)



- Cyan (0%)
- Magenta (46%)
- Yellow (26%)
- Black (18%)





- Cyan (18%)
- Magenta (56%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3999, 27.8785, 34.3675 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 38.3999, 27.8785, 34.3675 by changing the saturation by 10% instead.


 38.3999, 27.8785,
34.3675


 38.3999, 27.8785,
34.3675


330.5836,
291.8859, 336.5867


 26.4718, 18.2341,
22.8964


 72.0206, 56.2904,
67.6452


 17.3115, 11.1182,
14.3125


 94.4440, 75.8267,
90.2888

 10.5535, 6.1464,
8.1971


 121.0965, 99.4291,
117.4938

 5.8325, 2.9343,
4.1317

 152.3435,
127.4819, 149.6786

 2.7832, 1.0975,
1.6979

188.5504,
160.3696, 187.2617

 1.0402, 0.0000,
0.3593

230.0824,

 0.0000, 0.0000,

198.4766, 230.6617

0.0000

277.3051,
242.1872, 280.2972

■ 38.3999, 27.8785,
34.3675

■ 38.3999, 27.8785,
34.3675

■ 35.3711, 23.3430,
28.6649

■ 42.0710, 33.5402,
40.7714

■ 32.9414, 19.8526,
23.6342

■ 46.4189, 40.3936,
47.9007

■ 31.0658, 17.3220,
19.2462


■ 51.4786, 48.5042,
55.7803


■ 29.6913, 15.6500,
15.4678


■ 57.2818, 57.9313,
64.4331


■ 28.7519, 14.7101,
12.2607


■ 63.8582, 68.7304,
73.8811

 28.4634, 14.4557,
11.1699

 71.2358, 80.9539,
84.1453

 77.8234, 91.4157,
94.7065

 79.6352, 92.1404,
104.2470

 80.3885, 92.4417,
108.2139

Harmonies

Analogous

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



35.8051, 27.8785, 52.6028



38.3999, 27.8785, 34.3675



37.4724, 27.8785, 20.1301

Triad

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



38.3999, 27.8785, 34.3675



22.6337, 27.8785, 10.1406



20.6028, 27.8785, 61.2837

Complementary

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



38.3999, 27.8785, 34.3675



36.9259, 52.4319, 45.2227

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.



17.9069, 27.8785, 43.5618



38.3999, 27.8785, 34.3675



18.9616, 27.8785, 15.4755

Square

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



38.3999, 27.8785, 34.3675



27.8640, 27.8785, 9.1667



17.3504, 27.8785, 26.6675



25.1768, 27.8785, 71.2684

Rectangle

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



38.3999, 27.8785, 34.3675



35.0344, 27.8785, 14.1329



17.3504, 27.8785, 26.6675



19.4742, 27.8785, 55.7925

Sweetspot

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



38.4007, 27.8799, 34.3680



81.6101, 78.0638, 89.1796



33.6807, 24.7862, 63.9821



17.0697, 16.0652, 18.4841



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.



38.4007, 27.8799, 34.3680



55.1266, 36.5783, 44.9560



36.2126, 28.2004, 19.1592



12.0182, 11.8920, 13.3717



17.4106, 8.8371, 7.0683



1.0130, 0.5099, 0.6030

Inverse Universe

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



38.4007, 27.8799, 34.3680



55.1266, 36.5783, 44.9560



39.9260, 51.1289, 68.7376



12.0182, 11.8920, 13.3717



17.4106, 8.8371, 7.0683



1.0130, 0.5099, 0.6030

Previews

White Background



This preview shows how the XYZ color 38.3999, 27.8785, 34.3675 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 38.3999, 27.8785, 34.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

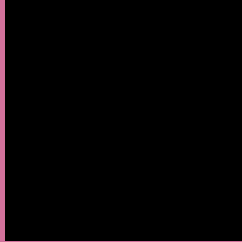
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.3999, 27.8785, 34.3675

Background



This preview shows how black text looks on a background with the XYZ color 38.3999, 27.8785, 34.3675.



This preview shows how white text looks on a background with the XYZ color 38.3999, 27.8785,

34.3675.

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

38.3999, 27.8785, 34.3675

Protanopia

27.9437, 28.1042, 43.9963

Deuteranopia

28.5934, 28.0261, 32.7567



Tritanopia

36.0413, 27.7546, 23.5363

Trichromacy



Original Color

38.3999, 27.8785, 34.3675

Protanomaly

30.5362, 27.1851, 40.1970

Deuteranomaly

31.5546, 27.4624, 33.3434

Tritanomaly

36.7732, 27.7068, 27.0767

Monochromacy



Original Color

38.3999, 27.8785, 34.3675

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

30.7466, 28.0760, 32.6529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3999, 27.8785, 34.3675 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(210, 113, 155)` looks like.

```
.text, #text, p{  
    color:rgb(210, 113, 155)  
}
```

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(210, 113, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 113, 155) }
```

Border

The CSS property to change the border of an element to XYZ 38.3999, 27.8785, 34.3675 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(210, 113, 155) }
```


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

```
.border{ border-color:rgb(210, 113, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 113, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 113, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 113, 155);  
box-shadow:4px 4px 4px 4px rgb(210, 113,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3999, 27.8785, 34.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 113, 155) }
```

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

```
.background{ background-color: rgb(210,  
113, 155) }
```

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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