

Converting Colors

XYZ(38.3648, 26.8788, 54.0213)

Have a look what the booklet for
XYZ(38.3648, 26.8788, 54.0213)
contains.

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Color

**XYZ(38.3395, 26.9172,
54.2138)**

Conversions

Conversions Part 1

Format	Color
Hex	C56EC2
RGB	197, 110, 194
RGB Percent	77%, 43%, 76%
CMY	0.2274, 0.5686, 0.2392
CMYK	0.00, 0.44, 0.02, 0.23
HSL	302°, 43%, 60%
HSV	302°, 44%, 77%
XYZ	38.3395, 26.9172, 54.2138
YIQ	145.5890, 24.8880, 44.5680

Conversions

Conversions Part 2

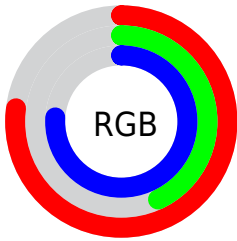
Format	Color
R _Y B	197, 110, 194
Decimal	12938946
CIE Lab	58.90, 46.60, -29.38
CIE LCh	59, 55.092, 327.766
Yxy	26.9172, 0.3209, 0.2253
Android (android.graphics.Color)	4291129026 (0xFFC56EC2)
YUV	145.5890, 23.8666, 45.0874
Hunter-Lab	51.8818, 41.1144, -25.6377

Details

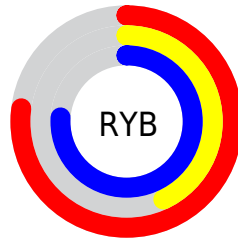
The XYZ color **38.3395, 26.9172, 54.2138** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **29.3784, 44.4408, 22.6538**, and the grayscale version is **27.0529, 28.4617, 30.9948**.

A 20% lighter version of the original color is **71.9280, 54.7760, 98.0486**, and **17.2312, 10.5823, 25.9453** is the 20% darker color. If you saturate the color by 10%, you get **36.3697, 23.0989, 53.1818**, and if you desaturate by 10%, it is **40.7839, 31.6830, 55.4062**.

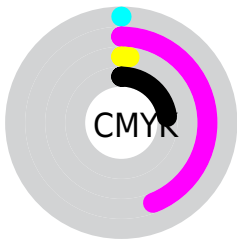
Distribution



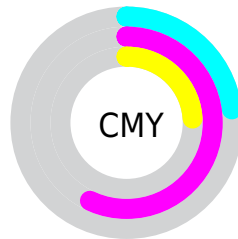
- Red (77%)
- Green (43%)
- Blue (76%)



- Red (77%)
- Yellow (43%)
- Blue (76%)



- Cyan (0%)
- Magenta (44%)
- Yellow (2%)
- Black (23%)





- Cyan (23%)
- Magenta (57%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3395, 26.9172, 54.2138 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 38.3395, 26.9172, 54.2138 by changing the saturation by 10% instead.


 38.3395, 26.9172,
54.2138


 38.3395, 26.9172,
54.2138

330.3298,
287.2560, 420.1224

 26.4247, 17.5110,
38.3783


 71.9288, 54.7510,
97.8477


 17.2760, 10.5995,
25.9723

 94.3339, 73.9474,
126.4831

 10.5280, 5.7982,
16.5773


 120.9666, 97.1760,
160.2222

 5.8153, 2.7228,
9.7748

 152.1921,
124.8212, 199.4836

 2.7727, 0.9888,
5.1463

188.3758,
157.2674, 244.6857

 1.0347, 0.0000,
2.2731

229.8831,

 0.0000, 0.0000,

194.8990, 296.2473

0.7161

277.0793,
238.1004, 354.5866

■ 0.0000, 0.0000,
0.0000

■ 38.3395, 26.9172,
54.2138

■ 38.3395, 26.9172,
54.2138

■ 36.3697, 23.0989,
53.1818

■ 40.7839, 31.6830,
55.4062

■ 34.8402, 20.1611,
52.2980

■ 43.7290, 37.4501,
56.7671

■ 33.7162, 18.0339,
51.5511

■ 47.2021, 44.2728,
58.3056

■ 32.9568, 16.6352,
50.9275

■ 51.2278, 52.2002,
60.0301

■ 32.5122, 15.8657,
50.4105

■ 55.8293, 61.2785,
61.9482

■ 32.3432, 15.5972,
50.1395

■ 61.0282, 71.5511,
64.0672

■ 66.8452, 83.0594,
66.3940

■ 69.1459, 87.5343,
67.5504

■ 69.2252, 87.5660,
67.9681

Harmonies

Analogous

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



32.1839, 26.9172, 76.6072



38.3395, 26.9172, 54.2138



41.0306, 26.9172, 30.7946

Triad

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



38.3395, 26.9172, 54.2138



26.0978, 26.9172, 5.5339



15.6563, 26.9172, 50.4870

Complementary

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



38.3395, 26.9172, 54.2138



29.3784, 44.4408, 22.6538

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.



14.6010, 26.9172, 27.8705



38.3395, 26.9172, 54.2138



19.9543, 26.9172, 7.0696

Square

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



38.3395, 26.9172, 54.2138



33.2252, 26.9172, 7.6514



16.0271, 26.9172, 13.5082



19.2145, 26.9172, 73.8666

Rectangle

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



38.3395, 26.9172, 54.2138



40.1941, 26.9172, 19.2875



16.0271, 26.9172, 13.5082



15.0280, 26.9172, 42.3091

Sweetspot

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



38.3404, 26.9184, 54.2144



85.1879, 80.5695, 104.7072



22.4524, 18.6885, 55.2480



17.9127, 16.6138, 22.2718



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.



38.3404, 26.9184, 54.2144



65.2469, 41.5803, 95.3080



34.1564, 25.2448, 32.1819



11.0667, 10.8101, 13.3345



21.2799, 10.2615, 33.0136



1.0127, 0.4879, 1.5899

Inverse Universe

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



38.3404, 26.9184, 54.2144



65.2469, 41.5803, 95.3080



32.4324, 45.6624, 38.7360



11.0667, 10.8101, 13.3345



21.2799, 10.2615, 33.0136



1.0127, 0.4879, 1.5899

Previews

White Background



This preview shows how the XYZ color 38.3395, 26.9172, 54.2138 looks on a white background.

Color Contrast Check

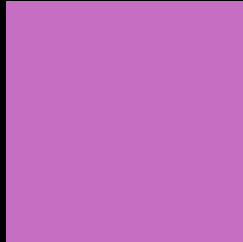
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.3395, 26.9172, 54.2138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

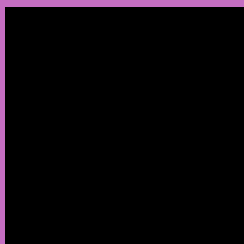
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.3395, 26.9172, 54.2138

Background



This preview shows how black text looks on a background with the XYZ color 38.3395, 26.9172, 54.2138.



This preview shows how white text looks on a background with the XYZ color 38.3395, 26.9172,

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

38.3395, 26.9172, 54.2138

Protanopia

28.9724, 27.3955, 70.0905

Deuteranopia

27.7693, 27.1761, 51.9260



Tritanopia

32.4276, 26.9276, 25.6787

Trichromacy



Original Color

38.3395, 26.9172, 54.2138

Protanomaly

30.8605, 26.2333, 63.7586

Deuteranomaly

30.5807, 26.3321, 52.7610

Tritanomaly

34.2514, 26.7667, 34.3716

Monochromacy



Original Color

38.3395, 26.9172, 54.2138

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.5154, 27.4187, 38.3343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3395, 26.9172, 54.2138 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, 110, 194)` looks like.

```
.text, #text, p{  
    color:rgb(197, 110, 194)  
}
```

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, 110, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 110, 194) }
```

Border

The CSS property to change the border of an element to XYZ 38.3395, 26.9172, 54.2138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

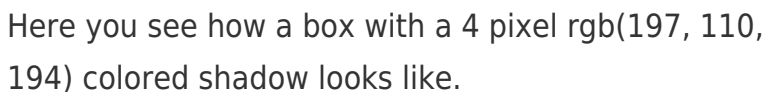
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 110, 194) }
```


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

```
.border{ border-color:rgb(197, 110, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 110, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 110, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 110, 194); box-shadow:4px 4px 4px 4px rgb(197, 110, 194) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3395, 26.9172, 54.2138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 110, 194) }
```

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

```
.background{ background-color: rgb(197,  
110, 194) }
```

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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