

Converting Colors

XYZ(39.5928, 29.2434, 55.1875)

Have a look what the booklet for
XYZ(39.5928, 29.2434, 55.1875)
contains.

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Color

**XYZ(39.5928, 29.2434,
55.1875)**

Conversions

Conversions Part 1

Format	Color
Hex	C578C3
RGB	197, 120, 195
RGB Percent	77%, 47%, 76%
CMY	0.2274, 0.5294, 0.2353
CMYK	0.00, 0.39, 0.01, 0.23
HSL	302°, 40%, 62%
HSV	302°, 39%, 77%
XYZ	39.5928, 29.2434, 55.1875
YIQ	151.5730, 21.8170, 39.6490

Conversions

Conversions Part 2

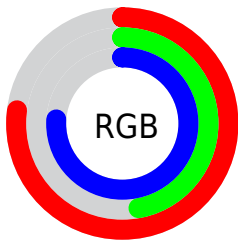
Format	Color
R_{YB}	197, 120, 195
Decimal	12941507
CIE _{Lab}	61.00, 41.54, -26.71
CIE _{LCh}	61, 49.386, 327.259
Yxy	29.2434, 0.3192, 0.2358
Android (android.graphics.Color)	4291131587 (0xFFC578C3)
YUV	151.5730, 21.4095, 39.8395
Hunter-Lab	54.0772, 36.0544, -22.6533

Details

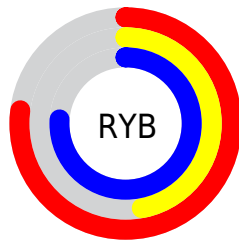
The XYZ color **39.5928, 29.2434, 55.1875** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **31.2261, 45.3318, 25.5182**, and the grayscale version is **29.5663, 31.1061, 33.8745**.

A 20% lighter version of the original color is **73.9467, 58.5604, 99.5013**, and **18.0912, 11.9301, 26.5485** is the 20% darker color. If you saturate the color by 10%, you get **37.4054, 24.9604, 54.1735**, and if you desaturate by 10%, it is **42.2697, 34.5038, 56.3662**.

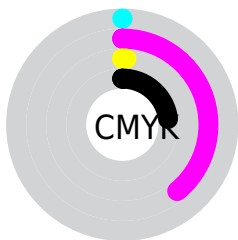
Distribution



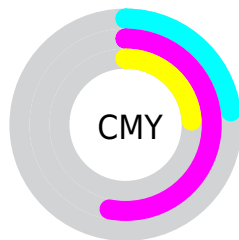
- Red (77%)
- Green (47%)
- Blue (76%)



- Red (77%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (39%)
- Yellow (1%)
- Black (23%)





- Cyan (23%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5928, 29.2434, 55.1875 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 39.5928, 29.2434, 55.1875 by changing the saturation by 10% instead.


 39.5928, 29.2434,
55.1875


 39.5928, 29.2434,
55.1875


335.5682,
298.3617, 423.9242


 27.4040, 19.2650,
39.1522


 73.8313, 58.4636,
99.2895

 18.0150, 11.8619,
26.5694

 96.6118, 78.4742,
128.1934

 11.0605, 6.6497,
17.0206


 123.6535,
102.5976, 162.2238

 6.1752, 3.2440,
10.0870

155.3218,
131.2183, 201.7994

 2.9935, 1.2604,
5.3503

191.9820,
164.7207, 247.3388

 1.1504, 0.1102,
2.3919

233.9996,

 0.0666, 0.0000,

203.4891, 299.2603

0.7821

281.7399,
247.9080, 357.9826

■ 0.0000, 0.0000,
0.0000

■ 39.5928, 29.2434,
55.1875

■ 39.5928, 29.2434,
55.1875

■ 37.4054, 24.9604,
54.1735

■ 42.2697, 34.5038,
56.3662

■ 35.6744, 21.5907,
53.3124

■ 45.4608, 40.7929,
57.7169

■ 34.3676, 19.0688,
52.5937


■ 49.1925, 48.1628,
59.2489


■ 33.4467, 17.3187,
52.0046


■ 53.4885, 56.6612,
60.9699


■ 32.8672, 16.2509,
51.5302


■ 58.3714, 66.3327,
62.8875


 32.5525, 15.7123,
51.1451

 63.8621, 77.2198,
65.0088

 32.5277, 15.6711,
51.1112

 69.0469, 87.4947,
67.0290

 69.1063, 87.5185,
67.3418

 69.1659, 87.5423,
67.6556

Harmonies

Analogous

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



33.8743, 29.2434, 75.0301



39.5928, 29.2434, 55.1875



42.1227, 29.2434, 33.5711

Triad

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



39.5928, 29.2434, 55.1875



28.3926, 29.2434, 7.9014



18.1594, 29.2434, 51.0480

Complementary

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



39.5928, 29.2434, 55.1875



31.2261, 45.3318, 25.5182

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.



17.1518, 29.2434, 30.1716



39.5928, 29.2434, 55.1875



22.4904, 29.2434, 9.5463

Square

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



39.5928, 29.2434, 55.1875



35.0606, 29.2434, 10.3281



18.6099, 29.2434, 16.2290



21.6096, 29.2434, 72.0606

Rectangle

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



39.5928, 29.2434, 55.1875



41.4084, 29.2434, 22.4187



18.6099, 29.2434, 16.2290



17.5494, 29.2434, 43.5909

Sweetspot

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



39.5938, 29.2447, 55.1881



85.9255, 81.9555, 105.2282



24.7208, 21.5511, 55.6811



18.1984, 17.1602, 22.4441



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.



39.5938, 29.2447, 55.1881



67.4775, 45.6509, 97.2555



35.8479, 27.7464, 35.4629



11.0707, 10.8117, 13.3558



21.3997, 10.3094, 33.6443



1.0171, 0.4897, 1.6134

Inverse Universe

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



39.5938, 29.2447, 55.1881



67.4775, 45.6509, 97.2555



34.0394, 46.4572, 40.3328



11.0707, 10.8117, 13.3558



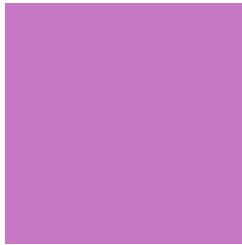
21.3997, 10.3094, 33.6443



1.0171, 0.4897, 1.6134

Previews

White Background



This preview shows how the XYZ color 39.5928, 29.2434, 55.1875 looks on a white background.

Color Contrast Check

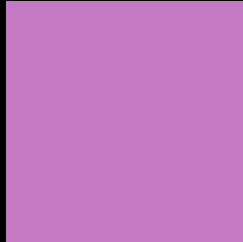
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5928, 29.2434, 55.1875 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 39.5928, 29.2434, 55.1875

Background



This preview shows how black text looks on a background with the XYZ color 39.5928, 29.2434, 55.1875.



This preview shows how white text looks on a background with the XYZ color 39.5928, 29.2434,

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

39.5928, 29.2434, 55.1875

Protanopia

30.8486, 29.5171, 68.3614

Deuteranopia

30.0671, 29.4575, 52.8163



Tritanopia

34.1592, 29.1028, 29.0163

Trichromacy



Original Color

39.5928, 29.2434, 55.1875

Protanomaly

32.9518, 28.7417, 63.4855

Deuteranomaly

32.8158, 28.8877, 53.7155

Tritanomaly

36.0147, 29.0894, 37.4348

Monochromacy



Original Color

39.5928, 29.2434, 55.1875

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.5944, 29.9082, 41.1007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5928, 29.2434, 55.1875 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, 120, 195)` looks like.

```
.text, #text, p{  
    color:rgb(197, 120, 195)  
}
```

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, 120, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 120, 195) }
```

Border

The CSS property to change the border of an element to XYZ 39.5928, 29.2434, 55.1875 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, 120, 195) }
```


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

```
.border{ border-color:rgb(197, 120, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 120, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 120, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 120, 195);  
box-shadow:4px 4px 4px 4px rgb(197, 120,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5928, 29.2434, 55.1875 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 120, 195) }
```

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

```
.background{ background-color: rgb(197,  
120, 195) }
```

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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