

Converting Colors

XYZ(39.6281, 29.8432, 54.6078)

Have a look what the booklet for
XYZ(39.6281, 29.8432, 54.6078)
contains.

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Color

**XYZ(39.5855, 29.7967,
54.7039)**

Conversions

Conversions Part 1

Format	Color
Hex	C47BC2
RGB	196, 123, 194
RGB Percent	77%, 48%, 76%
CMY	0.2314, 0.5176, 0.2392
CMYK	0.00, 0.37, 0.01, 0.23
HSL	302°, 38%, 63%
HSV	302°, 37%, 77%
XYZ	39.5855, 29.7967, 54.7039
YIQ	152.9210, 20.7170, 37.5570

Conversions

Conversions Part 2

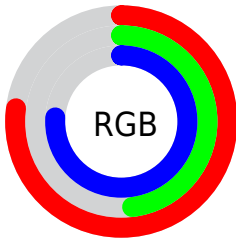
Format	Color
R _Y B	196, 123, 194
Decimal	12876738
CIE Lab	61.48, 39.44, -25.41
CIE LCh	61, 46.915, 327.204
Yxy	29.7967, 0.3190, 0.2401
Android (android.graphics.Color)	4291066818 (0xFFC47BC2)
YUV	152.9210, 20.2519, 37.7803
Hunter-Lab	54.5864, 33.9204, -21.2072

Details

The XYZ color **39.5855, 29.7967, 54.7039** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **31.6112, 45.1725, 26.4568**, and the grayscale version is **30.1532, 31.7235, 34.5469**.

A 20% lighter version of the original color is **74.0078, 59.4801, 98.8470**, and **18.0355, 12.1909, 26.2134** is the 20% darker color. If you saturate the color by 10%, you get **37.3333, 25.3880, 53.6563**, and if you desaturate by 10%, it is **42.3266, 35.1816, 55.9161**.

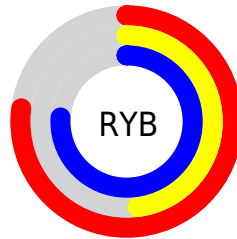
Distribution



Red (77%)

Green (48%)

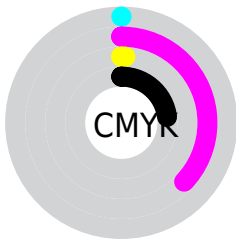
Blue (76%)



Red (77%)

Yellow (48%)

Blue (76%)

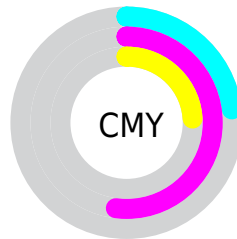


Cyan (0%)

Magenta (37%)

Yellow (1%)

Black (23%)



Cyan (23%)

Magenta (52%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5855, 29.7967, 54.7039 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 39.5855, 29.7967, 54.7039 by changing the saturation by 10% instead.

39.5855, 29.7967,
54.7039

39.5855, 29.7967,
54.7039

335.5379,
300.9557, 422.0388

27.3983, 19.6843,
38.7677

73.8203, 59.3405,
98.5738

18.0107, 12.1658,
26.2726

96.5985, 79.5408,
127.3446

11.0574, 6.8567,
16.8001

123.6379,
103.8724, 161.2306

6.1730, 3.3726,
9.9316

155.3036,
132.7199, 200.6504

2.9922, 1.3292,
5.2486

191.9611,
166.4675, 246.0227

1.1497, 0.1637,
2.3326

233.9758,

0.0661, 0.0000,

205.4998, 297.7658

0.7494

281.7129,
250.2010, 356.2983

■ 0.0000, 0.0000,
0.0000

■ 39.5855, 29.7967,
54.7039

■ 39.5855, 29.7967,
54.7039

■ 37.3333, 25.3880,
53.6563

■ 42.3266, 35.1816,
55.9161

■ 35.5379, 21.8932,
52.7618

■ 45.5805, 41.5923,
57.3000

■ 34.1678, 19.2488,
52.0102


■ 49.3730, 49.0798,
58.8645


■ 33.1867, 17.3818,
51.3892


■ 53.7273, 57.6906,
60.6174


■ 32.5517, 16.2068,
50.8847


■ 58.6652, 67.4684,
62.5659


 32.2035, 15.6050,
50.4769

 64.2075, 78.4545,
64.7169

 32.1285, 15.4812,
50.3717

 68.6907, 87.3221,
66.5160

 68.7527, 87.3469,
66.8424

 68.8149, 87.3718,
67.1700

Harmonies

Analogous

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



34.1353, 29.7967, 73.3299



39.5855, 29.7967, 54.7039



41.9933, 29.7967, 34.1396

Triad

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



39.5855, 29.7967, 54.7039



28.9070, 29.7967, 8.8776



18.9766, 29.7967, 50.7140

Complementary

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



39.5855, 29.7967, 54.7039



31.6112, 45.1725, 26.4568

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.



17.9939, 29.7967, 30.8046



39.5855, 29.7967, 54.7039



23.2073, 29.7967, 10.5493

Square

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



39.5855, 29.7967, 54.7039



35.2902, 29.7967, 11.3575



19.4259, 29.7967, 17.2273



22.3354, 29.7967, 70.4956

Rectangle

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



39.5855, 29.7967, 54.7039



41.3210, 29.7967, 23.3469



19.4259, 29.7967, 17.2273



18.3809, 29.7967, 43.6407

Sweetspot

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



39.5865, 29.7980, 54.7045



86.6219, 83.3414, 105.4813



25.3916, 22.4542, 55.2211



18.3371, 17.4365, 22.4934



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.



39.5865, 29.7980, 54.7045



68.2024, 47.1084, 97.4734



36.0450, 28.3814, 36.0555



10.4850, 10.2426, 12.6445



20.6492, 9.9494, 32.3945



0.8960, 0.4314, 1.4198

Inverse Universe

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



39.5865, 29.7980, 54.7045



68.2024, 47.1084, 97.4734



34.3175, 46.2550, 40.7080



10.4850, 10.2426, 12.6445



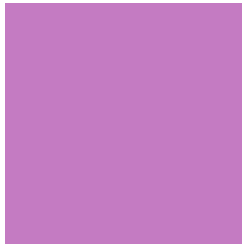
20.6492, 9.9494, 32.3945



0.8960, 0.4314, 1.4198

Previews

White Background



This preview shows how the XYZ color 39.5855, 29.7967, 54.7039 looks on a white background.

Color Contrast Check

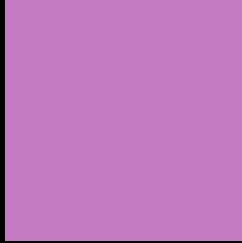
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5855, 29.7967, 54.7039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

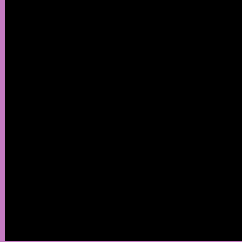
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5855, 29.7967, 54.7039

Background



This preview shows how black text looks on a background with the XYZ color 39.5855, 29.7967, 54.7039.



This preview shows how white text looks on a background with the XYZ color 39.5855, 29.7967,

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

39.5855, 29.7967, 54.7039

Protanopia

31.2195, 30.2101, 66.4730

Deuteranopia

30.7285, 30.0263, 52.8913



Tritanopia

34.4078, 29.6075, 30.2869

Trichromacy



Original Color

39.5855, 29.7967, 54.7039

Protanomaly

33.2448, 29.3570, 61.6719

Deuteranomaly

33.3927, 29.6199, 53.2474

Tritanomaly

36.1101, 29.5156, 37.9763

Monochromacy



Original Color

39.5855, 29.7967, 54.7039

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

33.1031, 30.6082, 41.2090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5855, 29.7967, 54.7039 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(196, 123, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 123, 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(196, 123, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 123, 194) }
```

Border

The CSS property to change the border of an element to XYZ 39.5855, 29.7967, 54.7039 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(196, 123, 194) }
```


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

```
.border{ border-color:rgb(196, 123, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 123, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 123, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 123, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 123,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5855, 29.7967, 54.7039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 123, 194) }
```

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

```
.background{ background-color: rgb(196,  
123, 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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