

Converting Colors

XYZ(39.4830, 28.0094, 61.7783)

Have a look what the booklet for
XYZ(39.4830, 28.0094, 61.7783)
contains.

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Color

**XYZ(39.4060, 27.9602,
61.7125)**

Conversions

Conversions Part 1

Format	Color
Hex	C272CE
RGB	194, 114, 206
RGB Percent	76%, 45%, 81%
CMY	0.2392, 0.5529, 0.1922
CMYK	0.06, 0.45, 0.00, 0.19
HSL	292°, 48%, 63%
HSV	292°, 45%, 81%
XYZ	39.4060, 27.9602, 61.7125
YIQ	148.4080, 18.1480, 45.5720

Conversions

Conversions Part 2

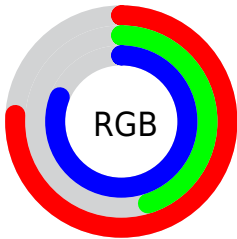
Format	Color
RYB	194, 114, 206
Decimal	12743374
CIELab	59.85, 45.88, -34.73
CIELCh	60, 57.544, 322.872
Yxy	27.9602, 0.3053, 0.2166
Android (android.graphics.Color)	4290933454 (0xFFC272CE)
YUV	148.4080, 28.3929, 39.9842
Hunter-Lab	52.8774, 40.4887, -32.1824

Details

The XYZ color **39.4060, 27.9602, 61.7125** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **33.7137, 49.7939, 23.7552**, and the grayscale version is **28.1993, 29.6679, 32.3083**.

A 20% lighter version of the original color is **72.1975, 55.9207, 101.5963**, and **17.7898, 11.0829, 30.4797** is the 20% darker color. If you saturate the color by 10%, you get **36.6556, 23.4733, 60.9918**, and if you desaturate by 10%, it is **42.6940, 33.5023, 62.6094**.

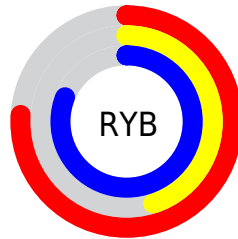
Distribution



Red (76%)

Green (45%)

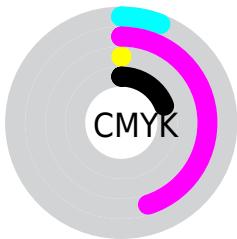
Blue (81%)



Red (76%)

Yellow (45%)

Blue (81%)

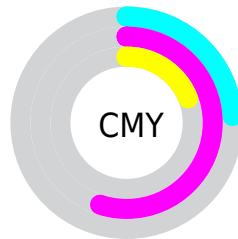


Cyan (6%)

Magenta (45%)

Yellow (0%)

Black (19%)



Cyan (24%)

Magenta (55%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4060, 27.9602, 61.7125 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 39.4060, 27.9602, 61.7125 by changing the saturation by 10% instead.

39.4060, 27.9602,
61.7125

39.4060, 27.9602,
61.7125

334.7911,
292.2767, 448.8603

27.2579, 18.2957,
44.3661

73.5482, 56.4209,
108.8775

17.9046, 11.1625,
30.6192

96.2731, 75.9858,
139.5332

10.9808, 6.1762,
20.0530

123.2541, 99.6197,
175.4624

6.1211, 2.9525,
12.2491

154.8569,
127.7069, 217.0837

2.9602, 1.1070,
6.7890

191.4466,
160.6318, 264.8156

1.1328, 0.0000,
3.2540

233.3886,

0.0523, 0.0000,

198.7788, 319.0766

1.2258

281.0483,
242.5323, 380.2853

■ 0.0000, 0.0000,
0.0000

■ 39.4060, 27.9602,
61.7125

■ 39.4060, 27.9602,
61.7125

■ 36.6556, 23.4733,
60.9918

■ 42.6940, 33.5023,
62.6094

■ 34.4044, 19.9669,
60.4337

■ 46.5490, 40.1606,
63.6914

■ 32.6131, 17.3622,
60.0253

■ 51.0017, 47.9956,
64.9690

■ 31.2354, 15.5665,
59.7513

■ 56.0797, 57.0624,
66.4514

■ 30.2150, 14.4672,
59.5929

■ 61.8089, 67.4127,
68.1473

■ 29.7615, 14.0556,
59.5374

■ 68.2136, 79.0952,
70.0646

■ 74.2861, 90.0940,
71.8676

■ 75.0711, 90.4987,
71.9043

■ 75.8691, 90.9100,
71.9416

Harmonies

Analogous

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



32.4107, 27.9602, 84.5096



39.4060, 27.9602, 61.7125



43.0718, 27.9602, 35.7077

Triad

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



39.4060, 27.9602, 61.7125



28.3548, 27.9602, 5.4444



15.6300, 27.9602, 48.8865

Complementary

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



39.4060, 27.9602, 61.7125



33.7137, 49.7939, 23.7552

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.



14.9420, 27.9602, 25.7246



39.4060, 27.9602, 61.7125



21.4861, 27.9602, 6.3997

Square

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



39.4060, 27.9602, 61.7125



35.9765, 27.9602, 8.3295



16.8844, 27.9602, 12.0594



18.9736, 27.9602, 75.0379

Rectangle

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



39.4060, 27.9602, 61.7125



42.7358, 27.9602, 22.3404



16.8844, 27.9602, 12.0594



15.1090, 27.9602, 40.3024

Sweetspot

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



39.4070, 27.9614, 61.7131



83.7985, 79.8320, 105.6002



25.5762, 23.0250, 61.4892



17.5656, 16.4295, 22.4954



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.



39.4070, 27.9614, 61.7131



59.3845, 38.0239, 98.8172



38.9439, 28.1464, 42.5454



11.5380, 11.3267, 14.1485



18.3845, 8.6851, 36.6637



0.9895, 0.4692, 1.8934

Inverse Universe

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



35.2378, 26.6640, 23.0294



52.0279, 35.8092, 27.1877



34.3359, 49.8504, 35.7201



11.2709, 11.2371, 11.9612



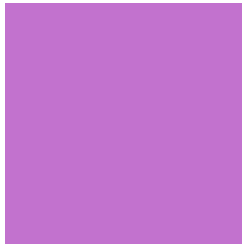
15.8147, 8.1365, 1.4769



0.8359, 0.4278, 0.1818

Previews

White Background



This preview shows how the XYZ color 39.4060, 27.9602, 61.7125 looks on a white background.

Color Contrast Check

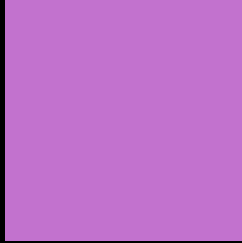
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4060, 27.9602, 61.7125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

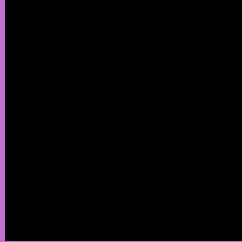
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.4060, 27.9602, 61.7125

Background



This preview shows how black text looks on a background with the XYZ color 39.4060, 27.9602, 61.7125.



This preview shows how white text looks on a background with the XYZ color 39.4060, 27.9602,

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

39.4060, 27.9602, 61.7125

Protanopia

30.4979, 28.4479, 78.0123

Deuteranopia

28.9693, 28.2976, 59.1935



Tritanopia

32.5180, 27.8789, 28.0934

Trichromacy



Original Color

39.4060, 27.9602, 61.7125



Protanomaly

32.4577, 27.4738, 71.9989



Deuteranomaly

31.7933, 27.3936, 60.1117



Tritanomaly

34.5575, 27.7510, 38.1854

Monochromacy



Original Color

39.4060, 27.9602, 61.7125



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

31.4826, 28.4722, 41.3725

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4060, 27.9602, 61.7125 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(194, 114, 206)` looks like.

```
.text, #text, p{  
    color:rgb(194, 114, 206)  
}
```

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(194, 114, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 114, 206) }
```

Border

The CSS property to change the border of an element to XYZ 39.4060, 27.9602, 61.7125 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(194, 114, 206) }
```


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

```
.border{ border-color:rgb(194, 114, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 114, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 114, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 114, 206);  
box-shadow:4px 4px 4px 4px rgb(194, 114,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4060, 27.9602, 61.7125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 114, 206) }
```

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

```
.background{ background-color: rgb(194,  
114, 206) }
```

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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