

Converting Colors

XYZ(39.0619, 18.8360, 60.6526)

Have a look what the booklet for
XYZ(39.0619, 18.8360, 60.6526)
contains.

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Color

**XYZ(38.9940, 18.8011,
60.6053)**

Conversions

Conversions Part 1

Format	Color
Hex	D600CF
RGB	214, 0, 207
RGB Percent	84%, 0%, 81%
CMY	0.1608, 0.9999, 0.1882
CMYK	0.00, 1.00, 0.03, 0.16
HSL	302°, 100%, 42%
HSV	302°, 100%, 84%
XYZ	38.9940, 18.8011, 60.6053
YIQ	87.5840, 61.0970, 109.7450

Conversions

Conversions Part 2

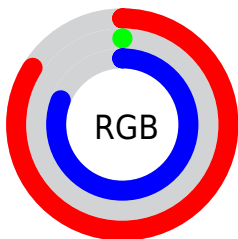
Format	Color
RYB	214, 0, 207
Decimal	14024911
CIELab	50.45, 85.09, -49.94
CIElCh	50, 98.662, 329.589
Yxy	18.8011, 0.3293, 0.1588
Android (android.graphics.Color)	4292214991 (0xFFD600CF)
YUV	87.5840, 58.8721, 110.8668
Hunter-Lab	43.3602, 84.6452, -52.5184

Details

The XYZ color **38.9940, 18.8011, 60.6053** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **24.0858, 48.1093, 8.2185**, and the grayscale version is **9.0565, 9.5282, 10.3762**.

A 20% lighter version of the original color is **63.3822, 36.6644, 98.3441**, and **18.9939, 9.1370, 30.4683** is the 20% darker color. If you saturate the color by 10%, you get **38.9943, 18.8013, 60.6049**, and if you desaturate by 10%, it is **39.3564, 19.3880, 61.1495**.

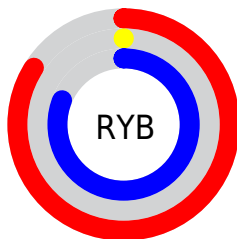
Distribution



Red (84%)

Green (0%)

Blue (81%)



Red (84%)

Yellow (0%)

Blue (81%)

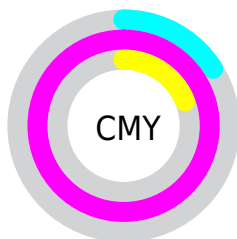


Cyan (0%)

Magenta (100%)

Yellow (3%)

Black (16%)



Cyan (16%)


Magenta (100%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.9940, 18.8011, 60.6053 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 38.9940, 18.8011, 60.6053 by changing the saturation by 10% instead.


 38.9940, 18.8011,
60.6053


 38.9940, 18.8011,
60.6053


333.0726,
245.3485, 444.6917


 26.9358, 11.5266,
43.4782


 72.9233, 41.3977,
107.2592


 17.6613, 6.4222,
29.9263


 95.5250, 57.4887,
137.6231


 10.8053, 3.1035,
19.5311


 122.3720, 77.2873,
173.2363

 6.0024, 1.1860,
11.8740

 153.8296,
101.1779, 214.5175

 2.8872, 0.0502,
6.5364

 190.2630,
129.5450, 261.8850

 1.0944, 0.0000,
3.0999

 232.0378,

 0.0204, 0.0000,

162.7728, 315.7576

1.1459

279.5192,
201.2459, 376.5536

■ 0.0000, 0.0000,
0.0000

■ 38.9940, 18.8011,
60.6053

■ 38.9940, 18.8011,
60.6053

■ 38.9943, 18.8013,
60.6049

■ 39.3564, 19.3880,
61.1495

■ 40.0242, 20.5856,
61.7973

■ 41.0995, 22.5977,
62.5828

■ 42.6384, 25.5364,
63.5247

■ 44.6883, 29.4964,
64.6388

■ 47.2906, 34.5607,
65.9389

■ 50.4826, 40.8038,
67.4375

■ 54.2983, 48.2937,
69.1459

■ 58.7692, 57.0931,
71.0745

Harmonies

Analogous

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



28.6264, 18.8011, 109.4902



38.9940, 18.8011, 60.6053



43.4253, 18.8011, 20.8528

Triad

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



38.9940, 18.8011, 60.6053



18.0026, 18.8011, 0.0000



6.1418, 18.8011, 59.2610

Complementary

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



38.9940, 18.8011, 60.6053



24.0858, 48.1093, 8.2185

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.



5.0346, 18.8011, 20.0943



38.9940, 18.8011, 60.6053



10.2148, 18.8011, 0.0834

Square

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



38.9940, 18.8011, 60.6053



28.9416, 18.8011, 0.1329



6.2070, 18.8011, 3.6747



10.0577, 18.8011, 108.3344

Rectangle

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



38.9940, 18.8011, 60.6053



41.5228, 18.8011, 7.3669



6.2070, 18.8011, 3.6747



5.5078, 18.8011, 43.8134

Sweetspot

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



38.9948, 18.8020, 60.6057



74.9097, 60.3600, 100.2115



12.1831, 4.8790, 63.9187



15.5801, 12.0313, 21.2392



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.



38.9948, 18.8020, 60.6057



57.9756, 27.9542, 90.0584



30.2030, 15.2853, 14.3091



12.9347, 12.6254, 15.5962



23.5772, 11.3672, 36.6730



1.4277, 0.6879, 2.2416

Inverse Universe

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



38.9948, 18.8020, 60.6057



57.9756, 27.9542, 90.0584



26.8935, 49.2324, 23.0040



12.9347, 12.6254, 15.5962



23.5772, 11.3672, 36.6730



1.4277, 0.6879, 2.2416

Previews

White Background



This preview shows how the XYZ color 38.9940, 18.8011, 60.6053 looks on a white background.

Color Contrast Check

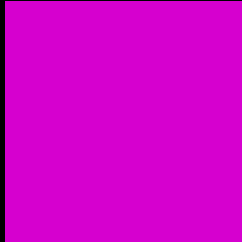
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9940, 18.8011, 60.6053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

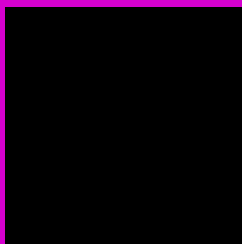
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 38.9940, 18.8011, 60.6053

Background



This preview shows how black text looks on a background with the XYZ color 38.9940, 18.8011, 60.6053.



This preview shows how white text looks on a background with the XYZ color 38.9940, 18.8011,

60.6053.

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

38.9940, 18.8011, 60.6053

Protanopia

23.5773, 19.7964, 92.2010

Deuteranopia

20.1181, 19.5647, 54.3458



Tritanopia

29.0199, 19.1295, 11.1797

Trichromacy



Original Color

38.9940, 18.8011, 60.6053



Protanomaly

20.5092, 12.5924, 79.1915



Deuteranomaly

22.0865, 14.2394, 55.6172



Tritanomaly

30.7783, 17.2165, 23.1736

Monochromacy



Original Color

38.9940, 18.8011, 60.6053



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

15.3424, 9.5354, 22.5046

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.9940, 18.8011, 60.6053 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(214, 0, 207)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 207)  
}
```

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(214, 0, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 207) }
```

Border

The CSS property to change the border of an element to XYZ 38.9940, 18.8011, 60.6053 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(214, 0, 207) }
```


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

```
.border{ border-color:rgb(214, 0, 207) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 207);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 38.9940, 18.8011, 60.6053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 207) }
```

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

```
.background{ background-color: rgb(214, 0,  
207) }
```

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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