

Converting Colors

XYZ(46.7139, 39.5591, 59.2064)

Have a look what the booklet for
XYZ(46.7139, 39.5591, 59.2064)
contains.

XYZ(46.7139, 39.5591, 59.2064)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(46.7139, 39.5591,
59.2064)**

Conversions

Conversions Part 1

Format	Color
Hex	CD98C7
RGB	205, 152, 199
RGB Percent	80%, 60%, 78%
CMY	0.1961, 0.4039, 0.2196
CMYK	0.00, 0.26, 0.03, 0.20
HSL	307°, 35%, 70%
HSV	307°, 26%, 80%
XYZ	46.7139, 39.5591, 59.2064
YIQ	173.2050, 16.5010, 25.8530

Conversions

Conversions Part 2

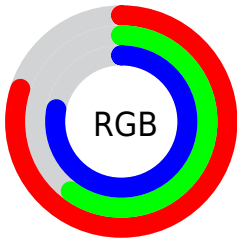
Format	Color
RYB	205, 152, 199
Decimal	13473991
CIELab	69.15, 27.54, -16.42
CIELCh	69, 32.065, 329.188
Yxy	39.5591, 0.3211, 0.2719
Android (android.graphics.Color)	4291664071 (0xFFCD98C7)
YUV	173.2050, 12.7169, 27.8842
Hunter-Lab	62.8960, 22.5068, -11.7847

Details

The XYZ color **46.7139, 39.5591, 59.2064** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.9534, 52.8080, 40.3845**, and the grayscale version is **39.7573, 41.8278, 45.5504**.

A 20% lighter version of the original color is **81.6028, 73.1056, 104.4176**, and **22.2457, 17.6427, 29.0210** is the 20% darker color. If you saturate the color by 10%, you get **43.4028, 33.3643, 56.7836**, and if you desaturate by 10%, it is **50.6065, 46.9091, 61.8443**.

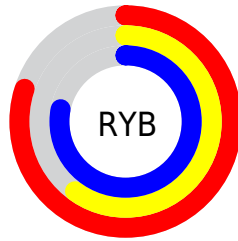
Distribution



Red (80%)

Green (60%)

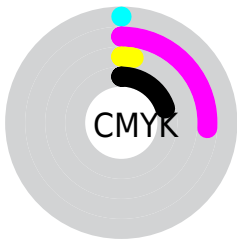
Blue (78%)



Red (80%)

Yellow (60%)

Blue (78%)

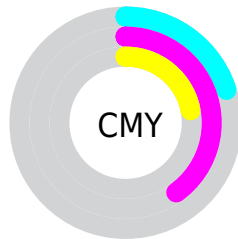


Cyan (0%)

Magenta (26%)

Yellow (3%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.7139, 39.5591, 59.2064 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 46.7139, 39.5591, 59.2064 by changing the saturation by 10% instead.

46.7139, 39.5591,
59.2064

46.7139, 39.5591,
59.2064

364.3394,
344.2617, 439.3895

33.0165, 27.1949,
42.3582

84.5078, 74.4917,
105.2097

22.2984, 17.7197,
29.0542

109.3350, 97.8289,
135.2018

14.1942, 10.7489,
18.8759

138.6028,
125.5925, 170.4123

8.3384, 5.8983,
11.4047

172.6767,
158.1671, 211.2597

4.3659, 2.7833,
6.2222

211.9219,
195.9368, 258.1626

1.9111, 1.0197,
2.9097

256.7039,

0.5833, 0.0000,

239.2863, 311.5395

1.0487

307.3879,
288.5998, 371.8090

■ 0.0000, 0.0000,
0.0000

■ 46.7139, 39.5591,
59.2064

■ 46.7139, 39.5591,
59.2064

■ 43.4028, 33.3643,
56.7836

■ 50.6065, 46.9091,
61.8443

■ 40.6401, 28.2603,
54.5632

■ 55.1046, 55.4639,
64.7039

■ 38.3947, 24.1844,
52.5355

■ 60.2349, 65.2768,
67.7947

■ 36.6309, 21.0655,
50.6883

■ 66.0218, 76.3960,
71.1249

■ 35.3088, 18.8232,
49.0082

■ 72.4882, 88.8675,
74.7022

■ 34.3815, 17.3642,
47.4796

■ 72.9383, 89.2998,
76.2949

■ 33.7911, 16.5726,
46.0830

■ 73.2350, 89.4184,
77.8572

■ 33.5991, 16.3481,
45.5271

■ 73.5359, 89.5388,
79.4418

■ 73.8410, 89.6609,
81.0488

Harmonies

Analogous

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



42.6130, 39.5591, 72.7076



46.7139, 39.5591, 59.2064



48.3387, 39.5591, 43.4743

Triad

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



46.7139, 39.5591, 59.2064



37.7396, 39.5591, 20.5681



29.6362, 39.5591, 58.3541

Complementary

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



46.7139, 39.5591, 59.2064



40.9534, 52.8080, 40.3845

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.



28.5822, 39.5591, 42.6744



46.7139, 39.5591, 59.2064



32.9959, 39.5591, 22.8341

Square

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



46.7139, 39.5591, 59.2064



42.8765, 39.5591, 23.0971



29.7556, 39.5591, 30.1742



32.7747, 39.5591, 72.1421

Rectangle

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



46.7139, 39.5591, 59.2064



47.6955, 39.5591, 34.4475



29.7556, 39.5591, 30.1742



29.0398, 39.5591, 53.0304

Sweetspot

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



46.7151, 39.5608, 59.2072



88.5142, 87.5200, 104.8978



36.2126, 34.0645, 62.4250



18.6989, 18.2629, 22.2973



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.



46.7151, 39.5608, 59.2072



73.3977, 58.9479, 94.7384



43.9687, 38.4623, 44.7449



11.6307, 11.3810, 13.8559



20.9387, 10.1861, 28.4594



1.0961, 0.5319, 1.5522

Inverse Universe

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



46.7151, 39.5608, 59.2072



73.3977, 58.9479, 94.7384



43.4125, 53.7916, 53.3338



11.6307, 11.3810, 13.8559



20.9387, 10.1861, 28.4594



1.0961, 0.5319, 1.5522

Previews

White Background



This preview shows how the XYZ color 46.7139, 39.5591, 59.2064 looks on a white background.

Color Contrast Check

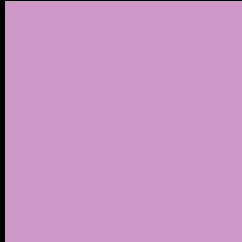
Large Text (above 18pt) WCAG AA × Fail

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 46.7139, 39.5591, 59.2064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

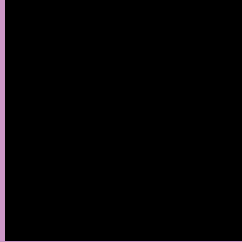
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 46.7139, 39.5591, 59.2064

Background



This preview shows how black text looks on a background with the XYZ color 46.7139, 39.5591, 59.2064.



This preview shows how white text looks on a background with the XYZ color 46.7139, 39.5591,

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

46.7139, 39.5591, 59.2064

Protanopia

39.7497, 39.6615, 66.5332

Deuteranopia

40.5464, 39.7121, 58.3515



Tritanopia

43.4001, 39.4337, 43.3542

Trichromacy



Original Color

46.7139, 39.5591, 59.2064

Protanomaly

41.9654, 39.5270, 63.8102

Deuteranomaly

42.5310, 39.4092, 58.7912

Tritanomaly

44.4190, 39.3354, 48.9674

Monochromacy



Original Color

46.7139, 39.5591, 59.2064

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.9062, 40.6020, 49.8842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7139, 39.5591, 59.2064 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(205, 152, 199)` looks like.

```
.text, #text, p{  
    color:rgb(205, 152, 199)  
}
```

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(205, 152, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 152, 199) }
```

Border

The CSS property to change the border of an element to XYZ 46.7139, 39.5591, 59.2064 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(205, 152, 199) }
```


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

```
.border{ border-color:rgb(205, 152, 199) }
```

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

Here you see how a box with a 4 pixel rgb(205, 152, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 152, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 152, 199);  
box-shadow:4px 4px 4px 4px rgb(205, 152,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7139, 39.5591, 59.2064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 152, 199) }
```

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

```
.background{ background-color: rgb(205,  
152, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor