

Converting Colors

XYZ(51.0544, 39.2194, 57.0312)

Have a look what the booklet for
XYZ(51.0544, 39.2194, 57.0312)
contains.

XYZ(51.1672, 39.3662, 57.1262)	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(51.1672, 39.3662,
57.1262)**

Conversions

Conversions Part 1

Format	Color
Hex	E38DC4
RGB	227, 141, 196
RGB Percent	89%, 55%, 77%
CMY	0.1098, 0.4470, 0.2314
CMYK	0.00, 0.38, 0.14, 0.11
HSL	322°, 61%, 72%
HSV	322°, 38%, 89%
XYZ	51.1672, 39.3662, 57.1262
YIQ	172.9840, 33.6010, 35.3370

Conversions

Conversions Part 2

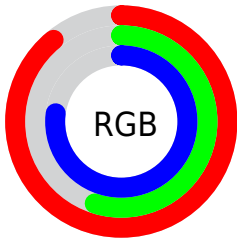
Format	Color
R _Y B	227, 141, 196
Decimal	14912964
CIE Lab	69.02, 40.30, -14.73
CIE LCh	69, 42.904, 339.922
Yxy	39.3662, 0.3465, 0.2666
Android (android.graphics.Color)	4293103044 (0xFFE38DC4)
YUV	172.9840, 11.3469, 47.3720
Hunter-Lab	62.7425, 35.7694, -10.0630

Details

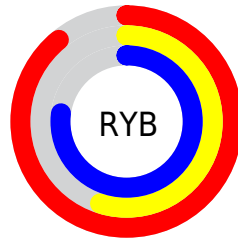
The XYZ color **51.1672, 39.3662, 57.1262** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.9017, 63.5805, 48.8855**, and the grayscale version is **39.6455, 41.7101, 45.4223**.

A 20% lighter version of the original color is **78.7096, 67.8317, 101.8729**, and **25.0324, 17.6438, 27.6774** is the 20% darker color. If you saturate the color by 10%, you get **47.2507, 32.9830, 51.3501**, and if you desaturate by 10%, it is **55.8228, 47.1452, 63.4002**.

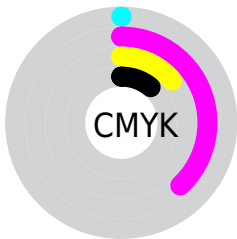
Distribution



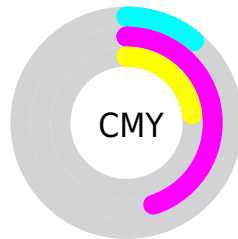
- Red (89%)
- Green (55%)
- Blue (77%)



- Red (89%)
- Yellow (55%)
- Blue (77%)



- Cyan (0%)
- Magenta (38%)
- Yellow (14%)
- Black (11%)





- Cyan (11%)
- Magenta (45%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1672, 39.3662, 57.1262 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 51.1672, 39.3662, 57.1262 by changing the saturation by 10% instead.


 51.1672, 39.3662,
57.1262

 51.1672, 39.3662,
57.1262


381.5900,
343.4449, 431.4290


 36.5633, 27.0447,
40.6965

 91.0834, 74.1974,
102.1515

 25.0417, 17.6068,
27.7641


 117.1264, 97.4759,
131.5842

 16.2370, 10.6681,
17.9104


 147.7131,
125.1756, 166.1883

 9.7839, 5.8441,
10.7169

183.2089,
157.6808, 206.3823

 5.3171, 2.7505,
5.7651

223.9791,
195.3760, 252.5849

 2.4711, 1.0029,
2.6363

270.3891,

 0.8807, 0.0000,

238.6454, 305.2145

0.9111

322.8043,
287.8736, 364.6897

■ 0.0000, 0.0000,
0.0000

■ 51.1672, 39.3662,
57.1262

■ 51.1672, 39.3662,
57.1262

■ 47.2507, 32.9830,
51.3501

■ 55.8228, 47.1452,
63.4002

■ 44.0268, 27.9054,
46.0511

■ 61.2533, 56.3921,
70.1867

■ 41.4489, 24.0412,
41.2101


■ 67.4965, 67.1804,
77.5023


■ 39.4631, 21.2838,
36.8050


■ 74.5864, 79.5773,
85.3622


■ 38.0060, 19.5077,
32.8104


■ 82.5552, 93.6458,
93.7807

 36.9897, 18.5388,
29.1926

 83.9353, 94.4496,
100.2721

 36.8027, 18.3806,
28.4652

 85.2133, 94.9608,
107.0022

 85.4887, 95.0710,
108.4525

Harmonies

Analogous

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



46.5000, 39.3662, 78.6935



51.1672, 39.3662, 57.1262



51.9126, 39.3662, 36.6992

Triad

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



51.1672, 39.3662, 57.1262



35.1972, 39.3662, 15.4499



28.2152, 39.3662, 71.8390

Complementary

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



51.1672, 39.3662, 57.1262



45.9017, 63.5805, 48.8855

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.



25.9063, 39.3662, 49.6813



51.1672, 39.3662, 57.1262



29.6002, 39.3662, 19.9923

Square

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



51.1672, 39.3662, 57.1262



42.1119, 39.3662, 16.3398



26.3804, 39.3662, 31.1968



33.0836, 39.3662, 88.8237

Rectangle

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



51.1672, 39.3662, 57.1262



50.0019, 39.3662, 26.6959



26.3804, 39.3662, 31.1968



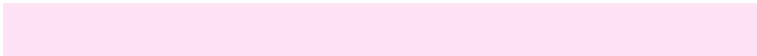
27.1426, 39.3662, 64.5129

Sweetspot

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



51.1684, 39.3680, 57.1270



85.1598, 82.7566, 97.7821



40.2082, 33.2672, 76.9755



17.9868, 17.2964, 20.6490



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.



51.1684, 39.3680, 57.1270



62.7456, 44.9257, 68.7383



47.0293, 37.7124, 35.3309



14.7630, 14.5224, 16.9526



21.5211, 10.7426, 16.9047



1.6344, 0.8115, 1.4812

Inverse Universe

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



51.1684, 39.3680, 57.1270



62.7456, 44.9257, 68.7383



50.6053, 65.4620, 73.6545



14.7630, 14.5224, 16.9526



21.5211, 10.7426, 16.9047



1.6344, 0.8115, 1.4812

Previews

White Background



This preview shows how the XYZ color 51.1672, 39.3662, 57.1262 looks on a white background.

Color Contrast Check

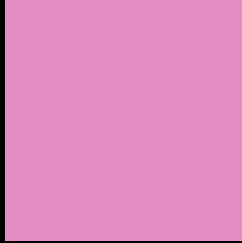
Large Text (above 18pt) WCAG AA × Fail

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 51.1672, 39.3662, 57.1262 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 51.1672, 39.3662, 57.1262

Background



This preview shows how black text looks on a background with the XYZ color 51.1672, 39.3662, 57.1262.



This preview shows how white text looks on a background with the XYZ color 51.1672, 39.3662,

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

51.1672, 39.3662, 57.1262

Protanopia

39.8609, 39.6606, 69.1727

Deuteranopia

40.4251, 39.7147, 55.4042



Tritanopia

47.2793, 39.3710, 37.9084

Trichromacy



Original Color

51.1672, 39.3662, 57.1262



Protanomaly

42.7807, 38.9038, 64.2859



Deuteranomaly

43.5064, 38.9646, 55.6800



Tritanomaly

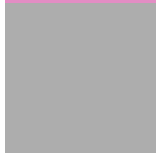
48.3123, 39.0766, 44.0259

Monochromacy



Original Color

51.1672, 39.3662, 57.1262



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.0777, 40.1634, 49.1979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1672, 39.3662, 57.1262 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(227, 141, 196)` looks like.

```
.text, #text, p{  
    color:rgb(227, 141, 196)  
}
```

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(227, 141, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 141, 196) }
```

Border

The CSS property to change the border of an element to XYZ 51.1672, 39.3662, 57.1262 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(227, 141, 196) }
```


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

```
.border{ border-color:rgb(227, 141, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 141, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 141, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 141, 196);  
box-shadow:4px 4px 4px 4px rgb(227, 141,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1672, 39.3662, 57.1262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 141, 196) }
```

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

```
.background{ background-color: rgb(227,  
141, 196) }
```

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