

Converting Colors

XYZ(52.4492, 39.5975, 66.7677)

Have a look what the booklet for
XYZ(52.4492, 39.5975, 66.7677)
contains.

XYZ(52.5000, 39.6281, 66.5099)	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(52.5000, 39.6281,
66.5099)**

Conversions

Conversions Part 1

Format	Color
Hex	E28CD3
RGB	226, 140, 211
RGB Percent	89%, 55%, 83%
CMY	0.1137, 0.4510, 0.1725
CMYK	0.00, 0.38, 0.07, 0.11
HSL	310°, 60%, 72%
HSV	310°, 38%, 89%
XYZ	52.5000, 39.6281, 66.5099
YIQ	173.8080, 28.4650, 40.3130

Conversions

Conversions Part 2

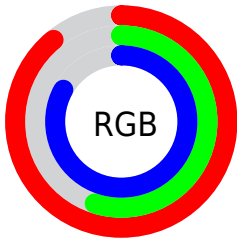
Format	Color
RYB	226, 140, 211
Decimal	14847187
CIELab	69.20, 42.99, -22.79
CIELCh	69, 48.656, 332.066
Yxy	39.6281, 0.3309, 0.2498
Android (android.graphics.Color)	4293037267 (0xFFE28CD3)
YUV	173.8080, 18.3357, 45.7724
Hunter-Lab	62.9509, 38.7021, -18.5765

Details

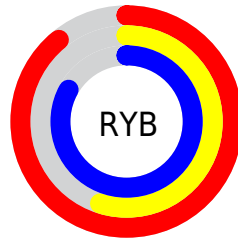
The XYZ color **52.5000, 39.6281, 66.5099** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **43.9297, 62.3360, 40.7297**, and the grayscale version is **40.0335, 42.1183, 45.8669**.

A 20% lighter version of the original color is **78.8051, 67.5102, 103.4850**, and **25.7711, 17.6517, 33.5013** is the 20% darker color. If you saturate the color by 10%, you get **49.0427, 33.4940, 62.9492**, and if you desaturate by 10%, it is **56.6501, 47.1268, 70.3621**.

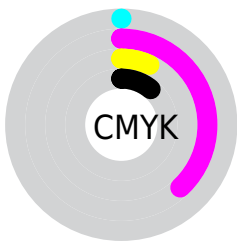
Distribution



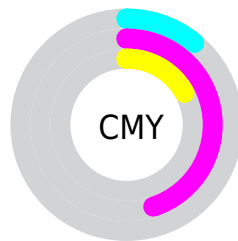
- Red (89%)
- Green (55%)
- Blue (83%)



- Red (89%)
- Yellow (55%)
- Blue (83%)



- Cyan (0%)
- Magenta (38%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (45%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5000, 39.6281, 66.5099 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 52.5000, 39.6281, 66.5099 by changing the saturation by 10% instead.


 52.5000, 39.6281,
66.5099

 52.5000, 39.6281,
66.5099


386.6562,
344.5536, 466.6522


 37.6296, 27.2487,
48.2274


 93.0381, 74.5969,
115.8518

 25.8713, 17.7601,
33.6457


 119.4365, 97.9550,
147.7483

 16.8595, 10.7779,
22.3464


 150.4084,
125.7415, 185.0198

 10.2291, 5.9177,
13.9109

186.3190,
158.3408, 228.0849

 5.6145, 2.7951,
7.9207

227.5337,
196.1373, 277.3622

 2.6506, 1.0257,
3.9572

274.4179,

 0.9718, 0.0000,

239.5153, 333.2701

1.6019

327.3370,
288.8593, 396.2273

■ 0.0000, 0.0000,
0.2922

■ 0.0000, 0.0000,
0.0000

■ 52.5000, 39.6281,
66.5099

■ 52.5000, 39.6281,
66.5099

■ 49.0427, 33.4940,
62.9492

■ 56.6501, 47.1268,
70.3621

■ 46.2325, 28.6357,
59.6632

■ 61.5275, 56.0614,
74.5167

■ 44.0241, 24.9619,
56.6367

■ 67.1690, 66.5045,
78.9865

■ 42.3648, 22.3671,
53.8518

■ 73.6076, 78.5221,
83.7831

41.1923, 20.7274,
51.2873

80.8747, 92.1766,
88.9173

40.4191, 19.8673,
48.9135

82.0698, 93.6671,
92.0894

40.2891, 19.7388,
48.4644

82.6448, 93.8971,
95.1170

83.2324, 94.1321,
98.2114

83.8328, 94.3723,
101.3732

Harmonies

Analogous

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



46.1852, 39.6281, 90.6332



52.5000, 39.6281, 66.5099



54.6941, 39.6281, 41.6208

Triad

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



52.5000, 39.6281, 66.5099



37.1281, 39.6281, 12.9195



26.3500, 39.6281, 70.1472

Complementary

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



52.5000, 39.6281, 66.5099



43.9297, 62.3360, 40.7297

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.



24.5981, 39.6281, 44.7127



52.5000, 39.6281, 66.5099



30.2635, 39.6281, 16.0593

Square

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



52.5000, 39.6281, 66.5099



45.1224, 39.6281, 15.2726



25.9269, 39.6281, 26.0191



31.0787, 39.6281, 93.1924

Rectangle

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



52.5000, 39.6281, 66.5099



53.3122, 39.6281, 28.9624



25.9269, 39.6281, 26.0191



25.4253, 39.6281, 61.3425

Sweetspot

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



52.5012, 39.6299, 66.5107



85.9675, 83.0797, 102.0356



36.4974, 31.1521, 76.0417



18.1800, 17.3737, 21.6665



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.



52.5012, 39.6299, 66.5107



65.2144, 45.3225, 83.5595



47.8738, 37.7789, 42.1431



14.1870, 13.8924, 16.7550



23.0240, 11.2766, 27.8558



1.6232, 0.7926, 2.0748

Inverse Universe

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



52.5012, 39.6299, 66.5107



65.2144, 45.3225, 83.5595



48.1294, 64.0159, 62.8450



14.1870, 13.8924, 16.7550



23.0240, 11.2766, 27.8558



1.6232, 0.7926, 2.0748

Previews

White Background



This preview shows how the XYZ color 52.5000, 39.6281, 66.5099 looks on a white background.

Color Contrast Check

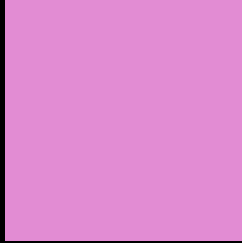
Large Text (above 18pt) WCAG AA × Fail

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 52.5000, 39.6281, 66.5099 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 52.5000, 39.6281, 66.5099

Background



This preview shows how black text looks on a background with the XYZ color 52.5000, 39.6281, 66.5099.



This preview shows how white text looks on a background with the XYZ color 52.5000, 39.6281,

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

52.5000, 39.6281, 66.5099

Protanopia

41.0050, 39.9863, 81.1582

Deuteranopia

40.7131, 39.9442, 63.9567



Tritanopia

46.8546, 39.6015, 38.8926

Trichromacy



Original Color

52.5000, 39.6281, 66.5099



Protanomaly

43.8716, 38.9607, 75.7289



Deuteranomaly

44.1812, 39.3594, 64.9430



Tritanomaly

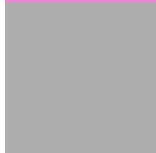
48.5398, 39.3420, 47.6833

Monochromacy



Original Color

52.5000, 39.6281, 66.5099



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

43.8823, 40.7660, 52.5695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5000, 39.6281, 66.5099 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(226, 140, 211)` looks like.

```
.text, #text, p{  
    color:rgb(226, 140, 211)  
}
```

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(226, 140, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 140, 211) }
```

Border

The CSS property to change the border of an element to XYZ 52.5000, 39.6281, 66.5099 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(226, 140, 211) }
```


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

```
.border{ border-color:rgb(226, 140, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 140, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 140, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 140, 211);  
box-shadow:4px 4px 4px 4px rgb(226, 140,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5000, 39.6281, 66.5099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 140, 211) }
```

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

```
.background{ background-color: rgb(226,  
140, 211) }
```

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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