

Converting Colors

XYZ(52.4727, 39.3549, 61.3547)

Have a look what the booklet for
XYZ(52.4727, 39.3549, 61.3547)
contains.

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Color

**XYZ(52.5011, 39.3117,
61.3207)**

Conversions

Conversions Part 1

Format	Color
Hex	E68ACB
RGB	230, 138, 203
RGB Percent	90%, 54%, 80%
CMY	0.0980, 0.4588, 0.2039
CMYK	0.00, 0.40, 0.12, 0.10
HSL	318°, 65%, 72%
HSV	318°, 40%, 90%
XYZ	52.5011, 39.3117, 61.3207
YIQ	172.9180, 33.9670, 39.7190

Conversions

Conversions Part 2

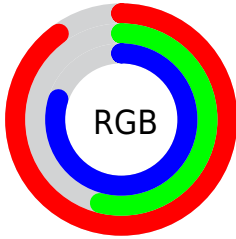
Format	Color
R _{YB}	230, 138, 203
Decimal	15108811
CIE Lab	68.98, 43.97, -18.65
CIE LCh	69, 47.763, 337.014
Yxy	39.3117, 0.3428, 0.2567
Android (android.graphics.Color)	4293298891 (0xFFE68ACB)
YUV	172.9180, 14.8304, 50.0609
Hunter-Lab	62.6990, 39.7438, -14.0973

Details

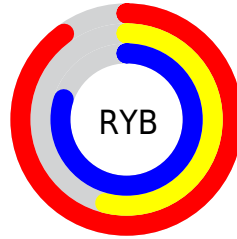
The XYZ color **52.5011, 39.3117, 61.3207** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.5713, 64.7148, 45.6894**, and the grayscale version is **39.5945, 41.6565, 45.3639**.

A 20% lighter version of the original color is **78.3600, 66.6199, 103.3367**, and **25.9069, 17.5512, 30.4560** is the 20% darker color. If you saturate the color by 10%, you get **48.7571, 33.0828, 56.1899**, and if you desaturate by 10%, it is **56.9812, 46.9556, 66.8705**.

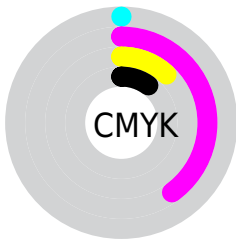
Distribution



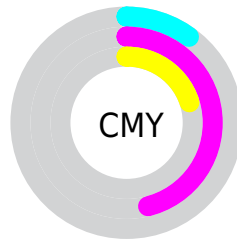
- Red (90%)
- Green (54%)
- Blue (80%)



- Red (90%)
- Yellow (54%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (12%)
- Black (10%)





- Cyan (10%)
- Magenta (46%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5011, 39.3117, 61.3207 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 52.5011, 39.3117, 61.3207 by changing the saturation by 10% instead.


 52.5011, 39.3117,
61.3207


 52.5011, 39.3117,
61.3207


386.6604,
343.2139, 447.3880


 37.6305, 27.0023,
44.0518


 93.0397, 74.1142,
108.3052

 25.8720, 17.5749,
30.3737


 119.4384, 97.3762,
138.8579

 16.8601, 10.6453,
19.8680


 150.4106,
125.0578, 174.6756

 10.2295, 5.8288,
12.1160

186.3216,
157.5433, 216.1768

 5.6148, 2.7413,
6.6992

227.5366,
195.2174, 263.7801

 2.6507, 0.9982,
3.1991

274.4212,

 0.9719, 0.0000,

238.4642, 317.9040

1.1972

327.3407,
287.6682, 378.9671

■ 0.0000, 0.0000,
0.0000

■ 52.5011, 39.3117,
61.3207

■ 52.5011, 39.3117,
61.3207

■ 48.7571, 33.0828,
56.1899

■ 56.9812, 46.9556,
66.8705

■ 45.7008, 28.1742,
51.4586

■ 62.2348, 56.0903,
72.8527

■ 43.2831, 24.4885,
47.1087


■ 68.3010, 66.7929,
79.2828


■ 41.4470, 21.9121,
43.1188


■ 75.2152, 79.1334,
86.1747


■ 40.1248, 20.3101,
39.4641

■ 83.0106, 93.1775,
93.5415

 39.1995, 19.4497,
36.1032

 84.6473, 94.8447,
99.0385

 39.1993, 19.4495,
36.1026

 85.6886, 95.2612,
104.5222

 86.4435, 95.5632,
108.4972

Harmonies

Analogous

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



46.8731, 39.3117, 85.6865



52.5011, 39.3117, 61.3207



53.8309, 39.3117, 37.8927

Triad

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



52.5011, 39.3117, 61.3207



35.6080, 39.3117, 13.2485



26.8661, 39.3117, 73.2746

Complementary

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



52.5011, 39.3117, 61.3207



45.5713, 64.7148, 45.6894

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.



24.6536, 39.3117, 48.1218



52.5011, 39.3117, 61.3207



29.2377, 39.3117, 17.3234

Square

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



52.5011, 39.3117, 61.3207



43.3683, 39.3117, 14.6744



25.4589, 39.3117, 28.4491



31.9423, 39.3117, 94.0651

Rectangle

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



52.5011, 39.3117, 61.3207



51.9583, 39.3117, 26.4662



25.4589, 39.3117, 28.4491



25.7966, 39.3117, 64.7723

Sweetspot

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



52.5023, 39.3135, 61.3215



84.6408, 81.4416, 98.4629



38.6968, 31.7918, 78.9606



17.8944, 17.0386, 20.8429



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.



52.5023, 39.3135, 61.3215



62.3691, 43.0442, 72.0916



47.8889, 37.4682, 37.0277



14.8054, 14.5393, 17.1755



22.2481, 11.0335, 20.7333



1.6842, 0.8314, 1.7433

Inverse Universe

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



52.5023, 39.3135, 61.3215



62.3691, 43.0442, 72.0916



50.4207, 66.6545, 71.2258



14.8054, 14.5393, 17.1755



22.2481, 11.0335, 20.7333



1.6842, 0.8314, 1.7433

Previews

White Background



This preview shows how the XYZ color 52.5011, 39.3117, 61.3207 looks on a white background.

Color Contrast Check

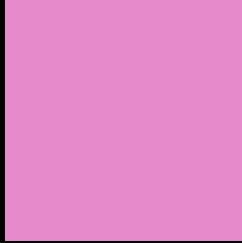
Large Text (above 18pt) WCAG AA × Fail

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 52.5011, 39.3117, 61.3207 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 52.5011, 39.3117, 61.3207

Background



This preview shows how black text looks on a background with the XYZ color 52.5011, 39.3117, 61.3207.



This preview shows how white text looks on a background with the XYZ color 52.5011, 39.3117,

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

52.5011, 39.3117, 61.3207

Protanopia

40.2749, 39.7375, 75.3594

Deuteranopia

40.4428, 39.6454, 58.9468



Tritanopia

47.6566, 39.3436, 37.4301

Trichromacy



Original Color

52.5011, 39.3117, 61.3207



Protanomaly

43.3392, 38.5586, 70.1241



Deuteranomaly

43.8849, 38.8193, 59.8235



Tritanomaly

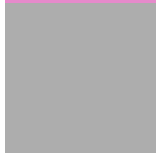
49.2918, 39.3334, 45.0385

Monochromacy



Original Color

52.5011, 39.3117, 61.3207



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.4707, 40.0716, 50.7908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5011, 39.3117, 61.3207 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(230, 138, 203)` looks like.

```
.text, #text, p{  
    color:rgb(230, 138, 203)  
}
```

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(230, 138, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 138, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.5011, 39.3117, 61.3207 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(230, 138, 203) }
```


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

```
.border{ border-color:rgb(230, 138, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 138, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 138, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 138, 203);  
box-shadow:4px 4px 4px 4px rgb(230, 138,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5011, 39.3117, 61.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 138, 203) }
```

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

```
.background{ background-color: rgb(230,  
138, 203) }
```

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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