

Converting Colors

XYZ(51.0595, 39.4816, 58.0363)

Have a look what the booklet for
XYZ(51.0595, 39.4816, 58.0363)
contains.

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Color

**XYZ(51.1151, 39.5460,
57.7624)**

Conversions

Conversions Part 1

Format	Color
Hex	E28EC5
RGB	226, 142, 197
RGB Percent	89%, 56%, 77%
CMY	0.1137, 0.4431, 0.2274
CMYK	0.00, 0.37, 0.13, 0.11
HSL	321°, 59%, 72%
HSV	321°, 37%, 89%
XYZ	51.1151, 39.5460, 57.7624
YIQ	173.3860, 32.4090, 34.9130

Conversions

Conversions Part 2

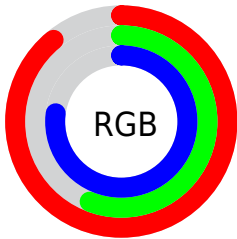
Format	Color
R _Y B	226, 142, 197
Decimal	14847685
CIE Lab	69.14, 39.60, -15.10
CIE LCh	69, 42.384, 339.125
Yxy	39.5460, 0.3444, 0.2664
Android (android.graphics.Color)	4293037765 (0xFFE28EC5)
YUV	173.3860, 11.6417, 46.1425
Hunter-Lab	62.8856, 35.0397, -10.4398

Details

The XYZ color **51.1151, 39.5460, 57.7624** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **45.7041, 63.0850, 48.2987**, and the grayscale version is **39.8494, 41.9247, 45.6560**.

A 20% lighter version of the original color is **79.0956, 68.3483, 102.7897**, and **24.9763, 17.7305, 28.0925** is the 20% darker color. If you saturate the color by 10%, you get **47.2163, 33.1420, 52.1653**, and if you desaturate by 10%, it is **55.7442, 47.3354, 63.8321**.

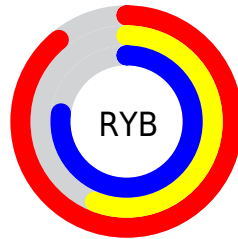
Distribution



Red (89%)

Green (56%)

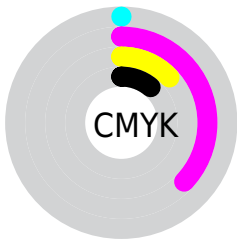
Blue (77%)



Red (89%)

Yellow (56%)

Blue (77%)

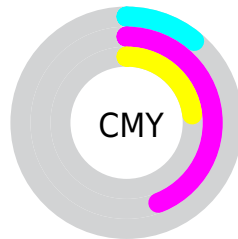


Cyan (0%)

Magenta (37%)

Yellow (13%)

Black (11%)



Cyan (11%)


Magenta (44%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1151, 39.5460, 57.7624 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 51.1151, 39.5460, 57.7624 by changing the saturation by 10% instead.


 51.1151, 39.5460,
57.7624


 51.1151, 39.5460,
57.7624


381.3911,
344.2063, 433.8735

 36.5216, 27.1847,
41.2042


 91.0069, 74.4717,
103.0881

 25.0093, 17.7120,
28.1578


 117.0359, 97.8049,
132.6928

 16.2128, 10.7434,
18.2046


147.6074,
125.5642, 167.4833

 9.7666, 5.8946,
10.9260

183.0869,
158.1341, 207.8783

 5.3056, 2.7811,
5.9035

223.8397,
195.8988, 254.2963

 2.4642, 1.0185,
2.7187

270.2311,

 0.8773, 0.0000,

239.2428, 307.1558

0.9528

322.6264,
288.5505, 366.8753

■ 0.0000, 0.0000,
0.0000

■ 51.1151, 39.5460,
57.7624

■ 51.1151, 39.5460,
57.7624

■ 47.2163, 33.1420,
52.1653

■ 55.7442, 47.3354,
63.8321

■ 44.0022, 28.0348,
47.0210

■ 61.1387, 56.5811,
70.3882

■ 41.4271, 24.1340,
42.3112


■ 67.3356, 67.3553,
77.4467


■ 39.4384, 21.3352,
38.0147


■ 74.3684, 79.7242,
85.0221


■ 37.9742, 19.5160,
34.1072

■ 82.2668, 93.7459,
93.1273

 36.9537, 18.5159,
30.5580

 83.4258, 94.2095,
99.2304

 36.7074, 18.3061,
29.6042

 84.6350, 94.6932,
105.5977

 85.1743, 94.9089,
108.4378

Harmonies

Analogous

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



46.4180, 39.5460, 78.9555



51.1151, 39.5460, 57.7624



51.9667, 39.5460, 37.4110

Triad

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



51.1151, 39.5460, 57.7624



35.5597, 39.5460, 15.7351



28.3629, 39.5460, 71.1405

Complementary

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



51.1151, 39.5460, 57.7624



45.7041, 63.0850, 48.2987

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.



26.1400, 39.5460, 49.2484



51.1151, 39.5460, 57.7624



29.9542, 39.5460, 20.1227

Square

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



51.1151, 39.5460, 57.7624



42.4212, 39.5460, 16.7669



26.6854, 39.5460, 31.0897



33.1353, 39.5460, 88.1519

Rectangle

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



51.1151, 39.5460, 57.7624



50.1494, 39.5460, 27.3380



26.6854, 39.5460, 31.0897



27.3205, 39.5460, 63.8813

Sweetspot

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



51.1163, 39.5478, 57.7632



85.2251, 82.7827, 98.1258



39.9799, 33.3852, 76.2890



18.0024, 17.3027, 20.7310



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.



51.1163, 39.5478, 57.7632



62.9695, 45.0153, 69.9173



47.0393, 37.9170, 36.2941



14.0835, 13.8510, 16.2098



20.9993, 10.4667, 17.1941



1.4972, 0.7422, 1.4111

Inverse Universe

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



51.1163, 39.5478, 57.7632



62.9695, 45.0153, 69.9173



50.2368, 64.8980, 72.1673



14.0835, 13.8510, 16.2098



20.9993, 10.4667, 17.1941



1.4972, 0.7422, 1.4111

Previews

White Background



This preview shows how the XYZ color 51.1151, 39.5460, 57.7624 looks on a white background.

Color Contrast Check

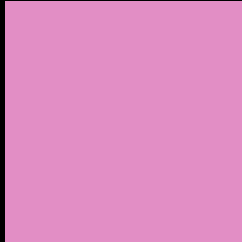
Large Text (above 18pt) WCAG AA × Fail

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 51.1151, 39.5460, 57.7624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

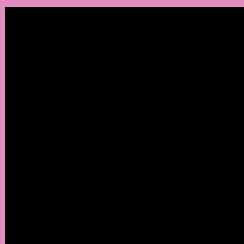
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1151, 39.5460, 57.7624

Background



This preview shows how black text looks on a background with the XYZ color 51.1151, 39.5460, 57.7624.



This preview shows how white text looks on a background with the XYZ color 51.1151, 39.5460,

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

51.1151, 39.5460, 57.7624

Protanopia

39.8609, 39.6606, 69.1727

Deuteranopia

40.5363, 39.7592, 55.9899



Tritanopia

47.2168, 39.5626, 38.4054

Trichromacy



Original Color

51.1151, 39.5460, 57.7624



Protanomaly

42.9034, 38.9529, 64.9319



Deuteranomaly

43.7869, 39.3464, 56.3257



Tritanomaly

48.2531, 39.2629, 44.5704

Monochromacy



Original Color

51.1151, 39.5460, 57.7624



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.1021, 40.4245, 49.7870

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1151, 39.5460, 57.7624 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, 142, 197)` looks like.

```
.text, #text, p{  
    color:rgb(226, 142, 197)  
}
```

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, 142, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 142, 197) }
```

Border

The CSS property to change the border of an element to XYZ 51.1151, 39.5460, 57.7624 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, 142, 197) }
```


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

```
.border{ border-color:rgb(226, 142, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 142, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 142, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 142, 197); box-shadow:4px 4px 4px 4px rgb(226, 142, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1151, 39.5460, 57.7624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 142, 197) }
```

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

```
.background{ background-color: rgb(226,  
142, 197) }
```

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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