

Converting Colors

XYZ(60.9903, 54.9284, 68.3567)

Have a look what the booklet for
XYZ(60.9903, 54.9284, 68.3567)
contains.

XYZ(60.9939, 54.9320, 68.3610)	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(60.9939, 54.9320,
68.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B6D2
RGB	230, 182, 210
RGB Percent	90%, 71%, 82%
CMY	0.0980, 0.2863, 0.1765
CMYK	0.00, 0.21, 0.09, 0.10
HSL	325°, 49%, 81%
HSV	325°, 21%, 90%
XYZ	60.9939, 54.9320, 68.3610
YIQ	199.5440, 19.6200, 18.8840

Conversions

Conversions Part 2

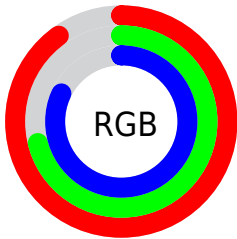
Format	Color
R _Y B	230, 182, 210
Decimal	15120082
CIE Lab	79.00, 21.78, -7.46
CIE LCh	79, 23.024, 341.096
Yxy	54.9320, 0.3310, 0.2981
Android (android.graphics.Color)	4293310162 (0xFFE6B6D2)
YUV	199.5440, 5.1548, 26.7099
Hunter-Lab	74.1161, 17.1934, -2.8048

Details

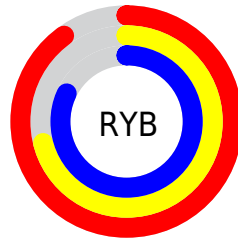
The XYZ color **60.9939, 54.9320, 68.3610** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.2510, 70.8044, 66.4768**, and the grayscale version is **54.5816, 57.4241, 62.5349**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.3066, 27.0995, 35.0332** is the 20% darker color. If you saturate the color by 10%, you get **55.5066, 45.8109, 60.8164**, and if you desaturate by 10%, it is **67.3295, 65.6338, 76.5425**.

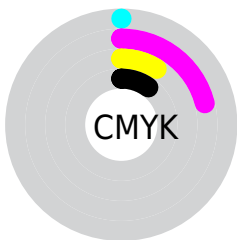
Distribution



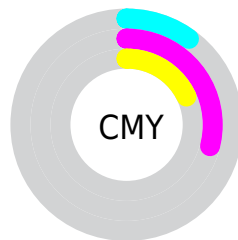
- Red (90%)
- Green (71%)
- Blue (82%)



- Red (90%)
- Yellow (71%)
- Blue (82%)



- Cyan (0%)
- Magenta (21%)
- Yellow (9%)
- Black (10%)





- Cyan (10%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9939, 54.9320, 68.3610 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 60.9939, 54.9320, 68.3610 by changing the saturation by 10% instead.


 60.9939, 54.9320,
68.3610

 60.9939, 54.9320,
68.3610

418.0279,
405.6541, 473.4067

 44.4728, 39.3473,
49.7230


 105.3683, 97.4413,
118.5275

 31.2419, 27.0300,
34.8237


133.9522,
125.1347, 150.8931

 20.9358, 17.5958,
23.2446


167.2878,
157.6331, 188.6716

 13.1893, 10.6602,
14.5672

205.7404,
195.3209, 232.2815

 7.6369, 5.8388,
8.3730

249.6753,
238.5825, 282.1415

 3.9133, 2.7473,
4.2434

299.4580,

 1.6532, 1.0013,

287.8023, 338.6700

1.7598

355.4537,
343.3647, 402.2855

■ 0.4267, 0.0000,
0.4012

■ 0.0000, 0.0000,
0.0000

■ 60.9939, 54.9320,
68.3610

■ 60.9939, 54.9320,
68.3610

■ 55.5066, 45.8109,
60.8164

■ 67.3295, 65.6338,
76.5425

■ 50.8239, 38.1872,
53.8860

■ 74.5449, 77.9796,
85.3755

■ 46.9052, 31.9810,
47.5508

■ 82.6760, 92.0385,
94.8784

■ 43.7042, 27.1020,
41.7888

■ 85.3892, 95.1415,
102.9456

■ 41.1696, 23.4495,
36.5763

■ 86.4434, 95.5632,
108.4972

■ 39.2426, 20.9082,
31.8867

■ 37.8530, 19.3402,
27.6897

■ 36.9477, 18.5488,
24.2456

Harmonies

Analogous

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



58.2166, 54.9320, 80.9036



60.9939, 54.9320, 68.3610



61.3389, 54.9320, 55.0879

Triad

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



60.9939, 54.9320, 68.3610



50.5347, 54.9320, 38.3183



45.8516, 54.9320, 77.9692

Complementary

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



60.9939, 54.9320, 68.3610



58.2510, 70.8044, 66.4768

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.



44.0372, 54.9320, 64.7979



60.9939, 54.9320, 68.3610



46.6337, 54.9320, 42.7465

Square

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



60.9939, 54.9320, 68.3610



55.1168, 54.9320, 38.9828



44.3149, 54.9320, 52.0065



49.4096, 54.9320, 86.9865

Rectangle

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



60.9939, 54.9320, 68.3610



60.1213, 54.9320, 47.7082



44.3149, 54.9320, 52.0065



45.0272, 54.9320, 73.8063

Sweetspot

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



60.9955, 54.9344, 68.3622



89.3522, 90.2198, 102.0206



55.3702, 51.7284, 81.9299



18.9977, 19.0929, 21.6803



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.



60.9955, 54.9344, 68.3622



73.9895, 64.2564, 82.2191



58.2259, 53.8266, 53.7779



14.7278, 14.5083, 16.7670



20.9798, 10.5261, 14.0544



1.5964, 0.7963, 1.2811

Inverse Universe

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



60.9955, 54.9344, 68.3622



73.9895, 64.2564, 82.2191



61.3174, 72.0310, 82.6241



14.7278, 14.5083, 16.7670



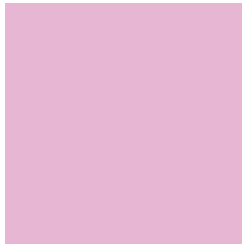
20.9798, 10.5261, 14.0544



1.5964, 0.7963, 1.2811

Previews

White Background



This preview shows how the XYZ color 60.9939, 54.9320, 68.3610 looks on a white background.

Color Contrast Check

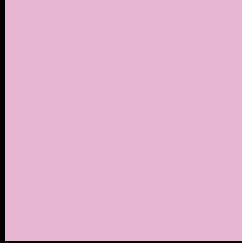
Large Text (above 18pt) WCAG AA × Fail

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 60.9939, 54.9320, 68.3610 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 60.9939, 54.9320, 68.3610

Background



This preview shows how black text looks on a background with the XYZ color 60.9939, 54.9320, 68.3610.



This preview shows how white text looks on a background with the XYZ color 60.9939, 54.9320,

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

60.9939, 54.9320, 68.3610

Protanopia

53.9390, 54.9830, 74.0996

Deuteranopia

56.0931, 54.9363, 67.3218



Tritanopia

59.3284, 54.8522, 60.8867

Trichromacy



Original Color

60.9939, 54.9320, 68.3610

Protanomaly

56.1328, 54.8550, 71.9195

Deuteranomaly

57.8942, 54.8958, 67.8662

Tritanomaly

59.9073, 54.7893, 63.2950

Monochromacy



Original Color

60.9939, 54.9320, 68.3610

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.8330, 56.3484, 65.0077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9939, 54.9320, 68.3610 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, 182, 210)` looks like.

```
.text, #text, p{  
    color:rgb(230, 182, 210)  
}
```

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, 182, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 182, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.9939, 54.9320, 68.3610 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, 182, 210) }
```


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

```
.border{ border-color:rgb(230, 182, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 182, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 182, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 182, 210);  
box-shadow:4px 4px 4px 4px rgb(230, 182,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9939, 54.9320, 68.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 182, 210) }
```

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

```
.background{ background-color: rgb(230,  
182, 210) }
```

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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