

Converting Colors

XYZ(59.5502, 48.1402, 68.3655)

Have a look what the booklet for
XYZ(59.5502, 48.1402, 68.3655)
contains.

XYZ(59.5536, 48.2477, 68.4613)	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(59.5536, 48.2477,
68.4613)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA1D4
RGB	237, 161, 212
RGB Percent	93%, 63%, 83%
CMY	0.0706, 0.3686, 0.1686
CMYK	0.00, 0.32, 0.11, 0.07
HSL	320°, 68%, 78%
HSV	320°, 32%, 93%
XYZ	59.5536, 48.2477, 68.4613
YIQ	189.5380, 28.9250, 31.9730

Conversions

Conversions Part 2

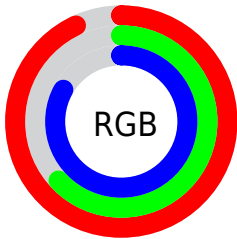
Format	Color
R_{YB}	237, 161, 212
Decimal	15573460
CIE _{Lab}	74.98, 35.69, -14.48
CIE _{LCh}	75, 38.517, 337.923
Yxy	48.2477, 0.3379, 0.2737
Android (android.graphics.Color)	4293763540 (0xFFEDA1D4)
YUV	189.5380, 11.0738, 41.6242
Hunter-Lab	69.4606, 31.4851, -9.8147

Details

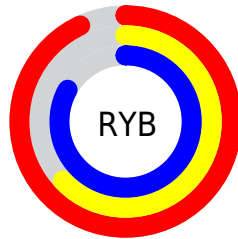
The XYZ color **59.5536, 48.2477, 68.4613** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **53.8471, 71.6921, 57.4574**, and the grayscale version is **48.6060, 51.1373, 55.6886**.

A 20% lighter version of the original color is **84.1029, 78.1057, 105.2510**, and **30.2708, 22.8627, 34.7158** is the 20% darker color. If you saturate the color by 10%, you get **54.8382, 40.3524, 62.1539**, and if you desaturate by 10%, it is **65.1043, 57.7362, 75.2825**.

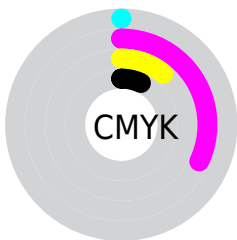
Distribution



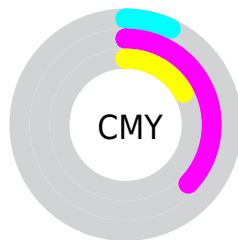
- Red (93%)
- Green (63%)
- Blue (83%)



- Red (93%)
- Yellow (63%)
- Blue (83%)



- Cyan (0%)
- Magenta (32%)
- Yellow (11%)
- Black (7%)





- Cyan (7%)
- Magenta (37%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5536, 48.2477, 68.4613 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 59.5536, 48.2477, 68.4613 by changing the saturation by 10% instead.


 59.5536, 48.2477,
68.4613


 59.5536, 48.2477,
68.4613


412.8116,
379.7731, 473.7711

 43.3070, 34.0231,
49.8041


 103.2919, 87.5731,
118.6723

 30.3216, 22.9113,
34.8877


 131.5143,
113.4427, 151.0631

 20.2321, 14.5281,
23.2935


164.4593,
143.9627, 188.8689

 12.6731, 8.4888,
14.6030

202.4923,
179.5175, 232.5082

 7.2793, 4.4093,
8.3978

245.9787,
220.4916, 282.3995

 3.6853, 1.9051,
4.2591

295.2838,

 1.5257, 0.5514,

267.2693, 338.9614

1.7685

350.7730,
320.2350, 402.6124

■ 0.3432, 0.0000,
0.4071

■ 0.0000, 0.0000,
0.0000

■ 59.5536, 48.2477,
68.4613

■ 59.5536, 48.2477,
68.4613

■ 54.8382, 40.3524,
62.1539

■ 65.1043, 57.7362,
75.2825

■ 50.9086, 33.9546,
56.3390

■ 71.5276, 68.8935,
82.6316

■ 47.7168, 28.9583,
50.9978

■ 78.8638, 81.7983,
90.5256

■ 45.2071, 25.2537,
46.1083

■ 86.8914, 96.0071,
98.8939

■ 43.3160, 22.7145,
41.6457

■ 88.0955, 96.4887,
105.2345

■ 41.9667, 21.1886,
37.5811

■ 88.7354, 96.7447,
108.6045

■ 41.1865, 20.5092,
34.6049

Harmonies

Analogous

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



54.6740, 48.2477, 89.3537



59.5536, 48.2477, 68.4613



60.5852, 48.2477, 47.3776

Triad

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



59.5536, 48.2477, 68.4613



44.0205, 48.2477, 22.7711



36.0037, 48.2477, 80.0872

Complementary

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



59.5536, 48.2477, 68.4613



53.8471, 71.6921, 57.4574

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.



33.7346, 48.2477, 58.0506



59.5536, 48.2477, 68.4613



38.0446, 48.2477, 27.5385

Square

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



59.5536, 48.2477, 68.4613



51.1262, 48.2477, 24.2140



34.4417, 48.2477, 39.2902



40.9647, 48.2477, 97.1724

Rectangle

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



59.5536, 48.2477, 68.4613



58.8629, 48.2477, 36.4157



34.4417, 48.2477, 39.2902



34.9252, 48.2477, 72.8189

Sweetspot

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



59.5550, 48.2499, 68.4623



86.1264, 84.2672, 99.4074



48.0567, 41.9292, 85.6819



18.1852, 17.5998, 21.0030



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.



59.5550, 48.2499, 68.4623



66.8198, 51.0822, 76.2371



55.4030, 46.5891, 46.5981



15.4919, 15.2246, 17.8755



22.5491, 11.2223, 19.2249



1.8147, 0.8988, 1.7416

Inverse Universe

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



59.5550, 48.2499, 68.4623



66.8198, 51.0822, 76.2371



58.3121, 73.4781, 80.9698



15.4919, 15.2246, 17.8755



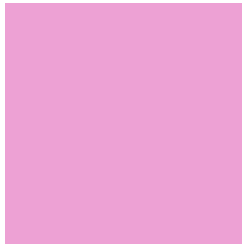
22.5491, 11.2223, 19.2249



1.8147, 0.8988, 1.7416

Previews

White Background



This preview shows how the XYZ color 59.5536, 48.2477, 68.4613 looks on a white background.

Color Contrast Check

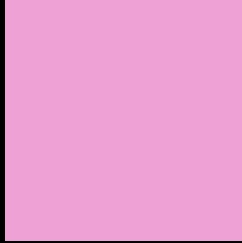
Large Text (above 18pt) WCAG AA × Fail

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 59.5536, 48.2477, 68.4613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

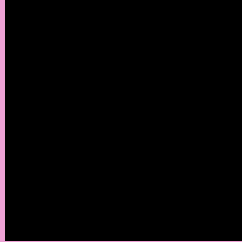
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5536, 48.2477, 68.4613

Background



This preview shows how black text looks on a background with the XYZ color 59.5536, 48.2477, 68.4613.



This preview shows how white text looks on a background with the XYZ color 59.5536, 48.2477,

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

59.5536, 48.2477, 68.4613

Protanopia

48.4778, 48.5270, 79.4846

Deuteranopia

49.4447, 48.4031, 66.4112



Tritanopia

55.6612, 48.2564, 49.5608

Trichromacy



Original Color

59.5536, 48.2477, 68.4613



Protanomaly

51.8035, 47.9396, 75.6302



Deuteranomaly

52.4646, 47.9005, 66.8021



Tritanomaly

56.9012, 48.2085, 56.1753

Monochromacy



Original Color

59.5536, 48.2477, 68.4613



Achromatopsia

48.9429, 51.4918, 56.0745



Achromatomaly

52.0453, 49.5828, 60.2534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5536, 48.2477, 68.4613 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(237, 161, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 161, 212)  
}
```

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(237, 161, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 161, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.5536, 48.2477, 68.4613 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(237, 161, 212) }
```


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

```
.border{ border-color:rgb(237, 161, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 161, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 161, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 161, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 161,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5536, 48.2477, 68.4613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 161, 212) }
```

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

```
.background{ background-color: rgb(237,  
161, 212) }
```

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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