

Converting Colors

XYZ(62.3387, 54.4047, 67.3374)

Have a look what the booklet for
XYZ(62.3387, 54.4047, 67.3374)
contains.

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Color

**XYZ(62.3541, 54.4488,
67.5448)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB2D1
RGB	237, 178, 209
RGB Percent	93%, 70%, 82%
CMY	0.0706, 0.3019, 0.1804
CMYK	0.00, 0.25, 0.12, 0.07
HSL	328°, 62%, 81%
HSV	328°, 25%, 93%
XYZ	62.3541, 54.4488, 67.5448
YIQ	199.1750, 25.2130, 22.1490

Conversions

Conversions Part 2

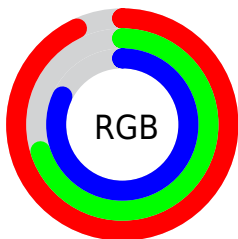
Format	Color
R_{YB}	237, 178, 209
Decimal	15577809
CIE Lab	78.72, 26.17, -7.26
CIE LCh	79, 27.156, 344.501
Yxy	54.4488, 0.3382, 0.2954
Android (android.graphics.Color)	4293767889 (0xFFEDB2D1)
YUV	199.1750, 4.8437, 33.1725
Hunter-Lab	73.7894, 21.7059, -2.6198

Details

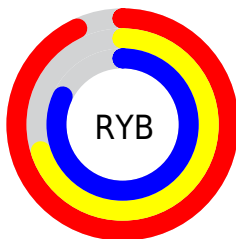
The XYZ color **62.3541, 54.4488, 67.5448** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.7872, 74.4911, 69.6232**, and the grayscale version is **54.3550, 57.1857, 62.2753**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **32.0724, 26.7371, 34.4807** is the 20% darker color. If you saturate the color by 10%, you get **56.6960, 45.2827, 59.0289**, and if you desaturate by 10%, it is **68.9283, 65.2884, 76.8525**.

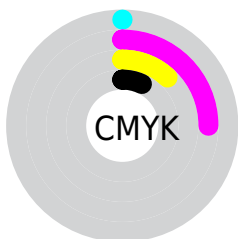
Distribution



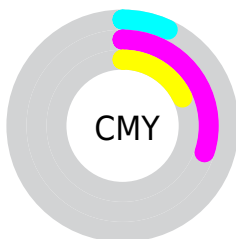
- Red (93%)
- Green (70%)
- Blue (82%)



- Red (93%)
- Yellow (70%)
- Blue (82%)



- Cyan (0%)
- Magenta (25%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 62.3541, 54.4488, 67.5448 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 62.3541, 54.4488, 67.5448 by changing the saturation by 10% instead.


 62.3541, 54.4488,
67.5448

 62.3541, 54.4488,
67.5448


422.9186,
403.8191, 470.4357

 45.5756, 38.9606,
49.0631


 107.3242, 96.7329,
117.3488

 32.1142, 26.7291,
34.3036


136.2465,
124.2976, 149.5081

 21.6047, 17.3698,
22.8477


169.9474,
156.6565, 187.0638

 13.6817, 10.4985,
14.2768


208.7922,
194.1941, 230.4343

 7.9799, 5.7307,
8.1725

253.1464,
237.2948, 280.0382

 4.1338, 2.6820,
4.1162

303.3753,

 1.7781, 0.9681,

286.3429, 336.2941

1.6893

359.8442,
341.7229, 399.6204

■ 0.5044, 0.0000,
0.3534

■ 0.0000, 0.0000,
0.0000

■ 62.3541, 54.4488,
67.5448

■ 62.3541, 54.4488,
67.5448

■ 56.6960, 45.2827,
59.0289

■ 68.9283, 65.2884,
76.8525

■ 51.9055, 37.6982,
51.2767

■ 76.4547, 77.8726,
86.9718

■ 47.9363, 31.6056,
44.2633

■ 84.9732, 92.2774,
97.9260

■ 44.7359, 26.9033,
37.9605

■ 88.5739, 96.6801,
107.7542

■ 42.2453, 23.4768,
32.3377

■ 88.7354, 96.7447,
108.6045

■ 40.3962, 21.1930,
27.3606

■ 39.1051, 19.8890,
22.9894

■ 38.5963, 19.4731,
20.9652

Harmonies

Analogous

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



59.3325, 54.4488, 82.9792



62.3541, 54.4488, 67.5448



62.4069, 54.4488, 52.1846

Triad

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



62.3541, 54.4488, 67.5448



49.2092, 54.4488, 35.0157



44.7307, 54.4488, 82.5239

Complementary

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



62.3541, 54.4488, 67.5448



59.7872, 74.4911, 69.6232

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.



42.3845, 54.4488, 67.0030



62.3541, 54.4488, 67.5448



44.8463, 54.4488, 40.5949

Square

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



62.3541, 54.4488, 67.5448



54.5608, 54.4488, 35.1097



42.4253, 54.4488, 51.7285



49.0412, 54.4488, 92.5939

Rectangle

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



62.3541, 54.4488, 67.5448



60.7370, 54.4488, 44.0626



42.4253, 54.4488, 51.7285



43.6998, 54.4488, 77.6636

Sweetspot

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



62.3557, 54.4513, 67.5459



88.2834, 88.6016, 100.0632



56.5329, 51.0132, 86.9885



18.7772, 18.7647, 21.2594



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.



62.3557, 54.4513, 67.5459



70.0057, 58.3984, 74.3878



59.0823, 53.1419, 50.3086



15.3961, 15.1863, 17.3711



21.1389, 10.6582, 11.7985



1.7085, 0.8564, 1.1823

Inverse Universe

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



62.3557, 54.4513, 67.5459



70.0057, 58.3984, 74.3878



63.6463, 76.0348, 89.9451



15.3961, 15.1863, 17.3711



21.1389, 10.6582, 11.7985



1.7085, 0.8564, 1.1823

Previews

White Background



This preview shows how the XYZ color 62.3541, 54.4488, 67.5448 looks on a white background.

Color Contrast Check

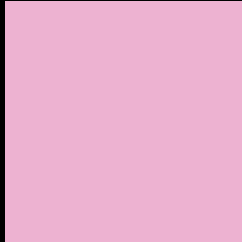
Large Text (above 18pt) WCAG AA × Fail

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 62.3541, 54.4488, 67.5448 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 62.3541, 54.4488, 67.5448

Background



This preview shows how black text looks on a background with the XYZ color 62.3541, 54.4488, 67.5448.



This preview shows how white text looks on a background with the XYZ color 62.3541, 54.4488,

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

62.3541, 54.4488, 67.5448

Protanopia

53.8162, 54.9045, 74.7790

Deuteranopia

55.7546, 54.4555, 66.6039



Tritanopia

60.3198, 54.1997, 58.3213

Trichromacy



Original Color

62.3541, 54.4488, 67.5448

Protanomaly

56.2614, 54.2826, 71.8023

Deuteranomaly

57.9475, 54.3121, 67.1036

Tritanomaly

61.0210, 54.1966, 61.2777

Monochromacy



Original Color

62.3541, 54.4488, 67.5448

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.8509, 55.7195, 64.2585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3541, 54.4488, 67.5448 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, 178, 209)` looks like.

```
.text, #text, p{  
    color:rgb(237, 178, 209)  
}
```

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, 178, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 178, 209) }
```

Border

The CSS property to change the border of an element to XYZ 62.3541, 54.4488, 67.5448 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, 178, 209) }
```


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

```
.border{ border-color:rgb(237, 178, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 178, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 178, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 178, 209);  
box-shadow:4px 4px 4px 4px rgb(237, 178,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3541, 54.4488, 67.5448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 178, 209) }
```

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

```
.background{ background-color: rgb(237,  
178, 209) }
```

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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