

Converting Colors

XYZ(59.6805, 50.7542, 61.1230)

Have a look what the booklet for
XYZ(59.6805, 50.7542, 61.1230)
contains.

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Color

**XYZ(59.5383, 50.5506,
61.2628)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA9C8
RGB	237, 169, 200
RGB Percent	93%, 66%, 78%
CMY	0.0706, 0.3372, 0.2157
CMYK	0.00, 0.29, 0.16, 0.07
HSL	333°, 65%, 80%
HSV	333°, 29%, 93%
XYZ	59.5383, 50.5506, 61.2628
YIQ	192.8660, 30.5770, 24.0570

Conversions

Conversions Part 2

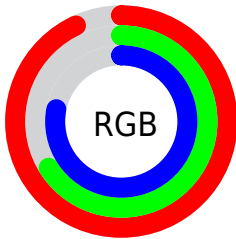
Format	Color
R_{YB}	237, 169, 200
Decimal	15575496
CIE _{Lab}	76.41, 29.51, -5.79
CIE _{LCh}	76, 30.076, 348.900
Yxy	50.5506, 0.3475, 0.2950
Android (android.graphics.Color)	4293765576 (0xFFEDA9C8)
YUV	192.8660, 3.5171, 38.7055
Hunter-Lab	71.0989, 25.0529, -1.3183

Details

The XYZ color **59.5383, 50.5506, 61.2628** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.7890, 73.4609, 69.5295**, and the grayscale version is **50.5785, 53.2126, 57.9485**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **30.2561, 24.2694, 30.2839** is the 20% darker color. If you saturate the color by 10%, you get **54.0783, 41.9413, 52.3177**, and if you desaturate by 10%, it is **65.9275, 60.8135, 71.1460**.

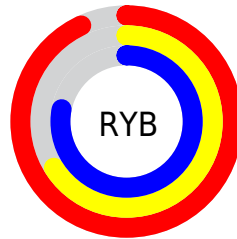
Distribution



Red (93%)

Green (66%)

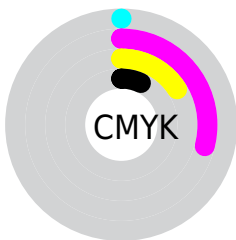
Blue (78%)



Red (93%)

Yellow (66%)

Blue (78%)

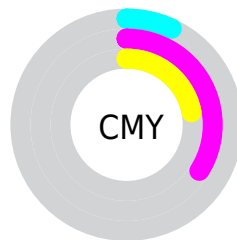


Cyan (0%)

Magenta (29%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (34%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5383, 50.5506, 61.2628 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 59.5383, 50.5506, 61.2628 by changing the saturation by 10% instead.


 59.5383, 50.5506,
61.2628

 59.5383, 50.5506,
61.2628


412.7559,
388.8152, 447.1701

 43.2946, 35.8511,
44.0054

 103.2698, 90.9901,
108.2206

 30.3119, 24.3192,
30.3375

131.4883,
117.4989, 138.7580

 20.2247, 15.5706,
19.8407


164.4292,
148.7130, 174.5592

 12.6677, 9.2208,
12.0964

202.4577,
185.0166, 216.0427

 7.2755, 4.8855,
6.6860

245.9393,
226.7943, 263.6269

 3.6829, 2.1802,
3.1911

295.2393,

 1.5243, 0.7092,

274.4303, 317.7306

1.1930

350.7231,
328.3092, 378.7721

■ 0.3423, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5383, 50.5506,
61.2628

■ 59.5383, 50.5506,
61.2628

■ 54.0783, 41.9413,
52.3177

■ 65.9275, 60.8135,
71.1460

■ 49.4968, 34.8912,
44.2768

■ 73.2845, 72.8043,
81.9935

■ 45.7447, 29.3066,
37.1082

■ 81.6508, 86.6010,
93.8340

■ 42.7660, 25.0810,
30.7767

■ 88.1905, 96.5267,
105.7360

■ 40.4974, 22.0932,
25.2436

■ 88.7352, 96.7446,
108.6045

■ 38.8643, 20.2002,
20.4659

■ 37.7585, 19.1919,
16.3880

■ 37.6339, 19.0881,
15.8983

Harmonies

Analogous

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



56.7243, 50.5506, 78.1802



59.5383, 50.5506, 61.2628



59.0973, 50.5506, 45.5488

Triad

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



59.5383, 50.5506, 61.2628



44.6068, 50.5506, 30.5037



41.2412, 50.5506, 82.0306

Complementary

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



59.5383, 50.5506, 61.2628



57.7890, 73.4609, 69.5295

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.



38.4676, 50.5506, 65.7681



59.5383, 50.5506, 61.2628



40.3028, 50.5506, 36.9875

Square

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



59.5383, 50.5506, 61.2628



50.1728, 50.5506, 29.7692



38.1382, 50.5506, 49.2554



45.9817, 50.5506, 91.6454

Rectangle

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



59.5383, 50.5506, 61.2628



57.0248, 50.5506, 37.6953



38.1382, 50.5506, 49.2554



40.0644, 50.5506, 77.0277

Sweetspot

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



59.5398, 50.5529, 61.2638



86.2147, 85.4430, 96.3561



54.7265, 47.5101, 86.4072



18.1675, 17.8199, 20.2095



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.



59.5398, 50.5529, 61.2638



66.6614, 53.9215, 66.4542



56.7016, 50.0982, 44.2204



15.3510, 15.1683, 17.1337



20.6111, 10.4471, 9.0192



1.6665, 0.8395, 0.9609

Inverse Universe

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



59.5398, 50.5529, 61.2638



66.6614, 53.9215, 66.4542



61.2818, 73.8146, 91.1390



15.3510, 15.1683, 17.1337



20.6111, 10.4471, 9.0192



1.6665, 0.8395, 0.9609

Previews

White Background



This preview shows how the XYZ color 59.5383, 50.5506, 61.2628 looks on a white background.

Color Contrast Check

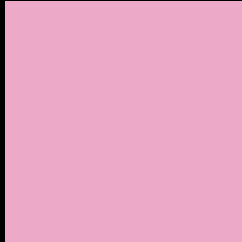
Large Text (above 18pt) WCAG AA × Fail

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 59.5383, 50.5506, 61.2628 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 59.5383, 50.5506, 61.2628

Background



This preview shows how black text looks on a background with the XYZ color 59.5383, 50.5506, 61.2628.



This preview shows how white text looks on a background with the XYZ color 59.5383, 50.5506,

61.2628.

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

59.5383, 50.5506, 61.2628

Protanopia

49.7779, 50.6829, 68.7872

Deuteranopia

51.6401, 50.5947, 59.8673



Tritanopia

57.7704, 50.6700, 52.6344

Trichromacy



Original Color

59.5383, 50.5506, 61.2628

Protanomaly

52.7606, 50.1266, 65.9261

Deuteranomaly

54.1378, 50.3651, 60.2941

Tritanomaly

58.4492, 50.6764, 55.4161

Monochromacy



Original Color

59.5383, 50.5506, 61.2628

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

53.3988, 51.8218, 59.4127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5383, 50.5506, 61.2628 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, 169, 200)` looks like.

```
.text, #text, p{  
    color:rgb(237, 169, 200)  
}
```

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, 169, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 169, 200) }
```

Border

The CSS property to change the border of an element to XYZ 59.5383, 50.5506, 61.2628 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, 169, 200) }
```


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

```
.border{ border-color:rgb(237, 169, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 169, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 169, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 169, 200);  
box-shadow:4px 4px 4px 4px rgb(237, 169,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5383, 50.5506, 61.2628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 169, 200) }
```

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

```
.background{ background-color: rgb(237,  
169, 200) }
```

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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