

Converting Colors

XYZ(59.9970, 50.4196, 63.0102)

Have a look what the booklet for
XYZ(59.9970, 50.4196, 63.0102)
contains.

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Color

**XYZ(60.0420, 50.4942,
63.0817)**

Conversions

Conversions Part 1

Format	Color
Hex	EEA8CB
RGB	238, 168, 203
RGB Percent	93%, 66%, 80%
CMY	0.0667, 0.3412, 0.2039
CMYK	0.00, 0.29, 0.15, 0.07
HSL	330°, 67%, 80%
HSV	330°, 29%, 93%
XYZ	60.0420, 50.4942, 63.0817
YIQ	192.9200, 30.4850, 25.7250

Conversions

Conversions Part 2

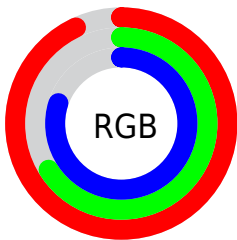
Format	Color
R _Y B	238, 168, 203
Decimal	15640779
CIE Lab	76.37, 30.86, -7.47
CIE LCh	76, 31.755, 346.399
Yxy	50.4942, 0.3458, 0.2908
Android (android.graphics.Color)	4293830859 (0xFFEEA8CB)
YUV	192.9200, 4.9694, 39.5352
Hunter-Lab	71.0593, 26.4710, -2.8922

Details

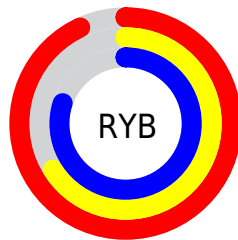
The XYZ color **60.0420, 50.4942, 63.0817** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.5046, 73.7870, 67.7148**, and the grayscale version is **50.6020, 53.2373, 57.9754**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **30.6116, 24.2552, 31.5021** is the 20% darker color. If you saturate the color by 10%, you get **54.6796, 41.9522, 54.5637**, and if you desaturate by 10%, it is **66.3203, 60.6926, 72.4433**.

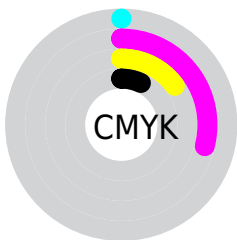
Distribution



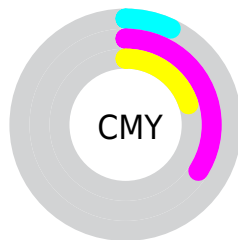
- Red (93%)
- Green (66%)
- Blue (80%)



- Red (93%)
- Yellow (66%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (7%)





- Cyan (7%)
- Magenta (34%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.0420, 50.4942, 63.0817 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 60.0420, 50.4942, 63.0817 by changing the saturation by 10% instead.


 60.0420, 50.4942,
63.0817


 60.0420, 50.4942,
63.0817


414.5848,
388.5954, 453.9820

 43.7021, 35.8062,
45.4659

 103.9966, 90.9067,
110.8741

 30.6333, 24.2846,
31.4789


 132.3420,
117.4000, 141.8877

 20.4702, 15.5449,
20.7023


165.4199,
148.5972, 178.2044

 12.8475, 9.2027,
12.7174

203.5957,
184.8827, 220.2426

 7.3999, 4.8736,
7.1058

247.2347,
226.6408, 268.4210

 3.7620, 2.1733,
3.4489

296.7023,

 1.5684, 0.7054,

274.2561, 323.1580

1.3282

352.3639,
328.1128, 384.8721

■ 0.3717, 0.0000,
0.0847

■ 0.0000, 0.0000,
0.0000

■ 60.0420, 50.4942,
63.0817

■ 60.0420, 50.4942,
63.0817

■ 54.6796, 41.9522,
54.5637

■ 66.3203, 60.6926,
72.4433

■ 50.1824, 34.9707,
46.8588

■ 73.5531, 72.6225,
82.6712

■ 46.5012, 29.4550,
39.9387

■ 81.7818, 86.3627,
93.7911

■ 43.5798, 25.2968,
33.7717

■ 88.3704, 96.6374,
104.9353

■ 41.3544, 22.3726,
28.3232

■ 89.0702, 96.9173,
108.6201

■ 39.7495, 20.5363,
23.5541

■ 38.6471, 19.5565,
19.4104

■ 38.5895, 19.5090,
19.1823

Harmonies

Analogous

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



56.7984, 50.4942, 80.9213



60.0420, 50.4942, 63.0817



59.8737, 50.4942, 46.2077

Triad

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



60.0420, 50.4942, 63.0817



44.8237, 50.4942, 29.0802



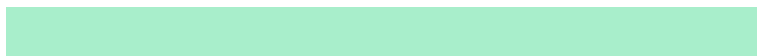
40.5016, 50.4942, 82.3993

Complementary

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



60.0420, 50.4942, 63.0817



57.5046, 73.7870, 67.7148

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.



37.7985, 50.4942, 64.7968



60.0420, 50.4942, 63.0817



40.1486, 50.4942, 35.2752

Square

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



60.0420, 50.4942, 63.0817



50.7446, 50.4942, 28.8093



37.6749, 50.4942, 47.6028



45.3431, 50.4942, 93.5394

Rectangle

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



60.0420, 50.4942, 63.0817



57.8422, 50.4942, 37.6822



37.6749, 50.4942, 47.6028



39.3310, 50.4942, 76.8950

Sweetspot

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



60.0435, 50.4965, 63.0827



86.3677, 85.5042, 97.1616



54.0659, 46.8774, 87.0882



18.2051, 17.8350, 20.4077



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.



60.0435, 50.4965, 63.0827



66.5101, 53.1133, 67.9626



56.3323, 49.0120, 43.5398



16.1024, 15.8907, 18.0955



21.5943, 10.9101, 11.0458



1.8467, 0.9277, 1.1834

Inverse Universe

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



60.0435, 50.4965, 63.0827



66.5101, 53.1133, 67.9626



62.1572, 75.6481, 92.2150



16.1024, 15.8907, 18.0955



21.5943, 10.9101, 11.0458



1.8467, 0.9277, 1.1834

Previews

White Background



This preview shows how the XYZ color 60.0420, 50.4942, 63.0817 looks on a white background.

Color Contrast Check

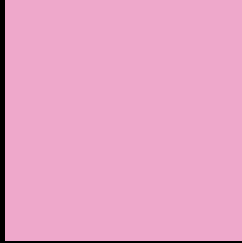
Large Text (above 18pt) WCAG AA × Fail

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 60.0420, 50.4942, 63.0817 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 60.0420, 50.4942, 63.0817

Background



This preview shows how black text looks on a background with the XYZ color 60.0420, 50.4942, 63.0817.



This preview shows how white text looks on a background with the XYZ color 60.0420, 50.4942,

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

60.0420, 50.4942, 63.0817

Protanopia

49.8032, 50.6373, 71.4390

Deuteranopia

51.7159, 50.5937, 61.6834



Tritanopia

57.8067, 50.4194, 52.0326

Trichromacy



Original Color

60.0420, 50.4942, 63.0817



Protanomaly

52.9810, 50.1830, 68.5219



Deuteranomaly

54.4873, 50.5049, 62.1350



Tritanomaly

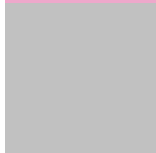
58.7037, 50.5156, 55.9467

Monochromacy



Original Color

60.0420, 50.4942, 63.0817



Achromatopsia

50.6879, 53.3276, 58.0738



Achromatomaly

53.5130, 51.8675, 60.0143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0420, 50.4942, 63.0817 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(238, 168, 203)` looks like.

```
.text, #text, p{  
    color:rgb(238, 168, 203)  
}
```

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(238, 168, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 168, 203) }
```

Border

The CSS property to change the border of an element to XYZ 60.0420, 50.4942, 63.0817 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(238, 168, 203) }
```


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

```
.border{ border-color:rgb(238, 168, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 168, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 168, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 168, 203);  
box-shadow:4px 4px 4px 4px rgb(238, 168,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0420, 50.4942, 63.0817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 168, 203) }
```

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

```
.background{ background-color: rgb(238,  
168, 203) }
```

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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