

Converting Colors

XYZ(60.1039, 49.5717, 69.7450)

Have a look what the booklet for
XYZ(60.1039, 49.5717, 69.7450)
contains.

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Color

**XYZ(60.1848, 49.5982,
70.0196)**

Conversions

Conversions Part 1

Format	Color
Hex	ECA5D6
RGB	236, 165, 214
RGB Percent	93%, 65%, 84%
CMY	0.0745, 0.3529, 0.1608
CMYK	0.00, 0.30, 0.09, 0.07
HSL	319°, 65%, 79%
HSV	319°, 30%, 93%
XYZ	60.1848, 49.5982, 70.0196
YIQ	191.8150, 26.5870, 30.2910

Conversions

Conversions Part 2

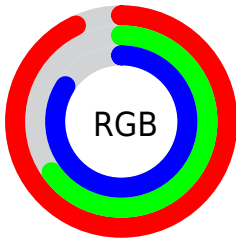
Format	Color
R_{YB}	236, 165, 214
Decimal	15508950
CIE _{Lab}	75.82, 33.57, -14.32
CIE _{LCh}	76, 36.499, 336.906
Yxy	49.5982, 0.3347, 0.2758
Android (android.graphics.Color)	4293699030 (0xFFECA5D6)
YUV	191.8150, 10.9372, 38.7502
Hunter-Lab	70.4260, 29.2974, -9.6497

Details

The XYZ color **60.1848, 49.5982, 70.0196** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.4842, 71.5795, 57.9616**, and the grayscale version is **49.9237, 52.5237, 57.1983**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **30.6426, 23.6752, 35.7556** is the 20% darker color. If you saturate the color by 10%, you get **55.4015, 41.4924, 63.9204**, and if you desaturate by 10%, it is **65.7984, 59.2961, 76.6036**.

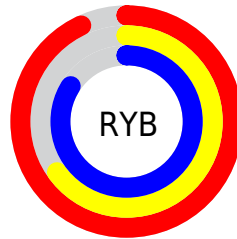
Distribution



Red (93%)

Green (65%)

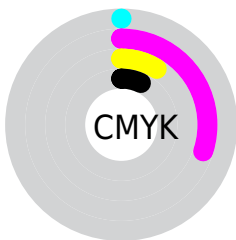
Blue (84%)



Red (93%)

Yellow (65%)

Blue (84%)

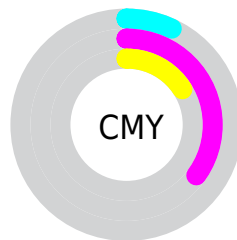


Cyan (0%)

Magenta (30%)

Yellow (9%)

Black (7%)



Cyan (7%)


Magenta (35%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1848, 49.5982, 70.0196 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 60.1848, 49.5982, 70.0196 by changing the saturation by 10% instead.


 60.1848, 49.5982,
70.0196


 60.1848, 49.5982,
70.0196


415.1024,
385.0926, 479.4098

 43.8176, 35.0942,
51.0656

 104.2025, 89.5793,
120.9181

 30.7245, 23.7355,
35.8837


 132.5838,
115.8252, 153.6997

 20.5399, 15.1375,
24.0554


165.7005,
146.7538, 191.9275

 12.8987, 8.9160,
15.1622

203.9179,
182.7497, 236.0202

 7.4353, 4.6864,
8.7854

247.6015,
224.1971, 286.3962

 3.7845, 2.0645,
4.5066

297.1165,

 1.5810, 0.6445,

271.4804, 343.4741

1.9072

352.8284,
324.9841, 407.6725

■ 0.3800, 0.0000,
0.4973

■ 0.0000, 0.0000,
0.0000

■ 60.1848, 49.5982,
70.0196

■ 60.1848, 49.5982,
70.0196

■ 55.4015, 41.4924,
63.9204

■ 65.7984, 59.2961,
76.6036

■ 51.4003, 34.8851,
58.2855

■ 72.2783, 70.6594,
83.6854

■ 48.1346, 29.6835,
53.0973

■ 79.6637, 83.7650,
91.2812

■ 45.5510, 25.7816,
48.3352

■ 86.5684, 95.8395,
98.9313

■ 43.5884, 23.0582,
43.9759

■ 87.6968, 96.2908,
104.8732

■ 42.1741, 21.3689,
39.9924

■ 88.4024, 96.5730,
108.5889

■ 41.1915, 20.4727,
36.3693

Harmonies

Analogous

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



55.4150, 49.5982, 89.7152



60.1848, 49.5982, 70.0196



61.3104, 49.5982, 49.6364

Triad

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



60.1848, 49.5982, 70.0196



45.5908, 49.5982, 24.7630



37.4631, 49.5982, 79.6819

Complementary

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



60.1848, 49.5982, 70.0196



54.4842, 71.5795, 57.9616

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.



35.3434, 49.5982, 58.6206



60.1848, 49.5982, 70.0196



39.7356, 49.5982, 29.3047

Square

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



60.1848, 49.5982, 70.0196



52.4445, 49.5982, 26.4174



36.1337, 49.5982, 40.6382



42.2088, 49.5982, 96.1632

Rectangle

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



60.1848, 49.5982, 70.0196



59.7544, 49.5982, 38.8038



36.1337, 49.5982, 40.6382



36.4416, 49.5982, 72.7310

Sweetspot

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



60.1863, 49.6004, 70.0206



87.0366, 85.7718, 100.6843



48.9203, 43.4458, 85.1652



18.3701, 17.9010, 21.2765



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.



60.1863, 49.6004, 70.0206



68.1762, 53.0469, 78.9957



56.2060, 48.0083, 49.0606



15.5046, 15.2297, 17.9423



22.7660, 11.3091, 20.3670



1.8305, 0.9052, 1.8249

Inverse Universe

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



60.1863, 49.6004, 70.0206



68.1762, 53.0469, 78.9957



58.6723, 73.2548, 80.0154



15.5046, 15.2297, 17.9423



22.7660, 11.3091, 20.3670



1.8305, 0.9052, 1.8249

Previews

White Background



This preview shows how the XYZ color 60.1848, 49.5982, 70.0196 looks on a white background.

Color Contrast Check

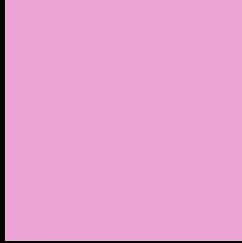
Large Text (above 18pt) WCAG AA × Fail

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 60.1848, 49.5982, 70.0196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

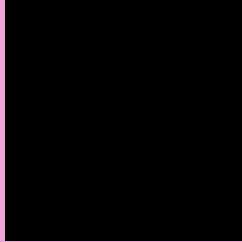
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.1848, 49.5982, 70.0196

Background



This preview shows how black text looks on a background with the XYZ color 60.1848, 49.5982, 70.0196.



This preview shows how white text looks on a background with the XYZ color 60.1848, 49.5982,

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

60.1848, 49.5982, 70.0196

Protanopia

49.7127, 49.7643, 80.3841

Deuteranopia

50.7340, 49.6284, 68.5333



Tritanopia

56.4934, 49.7423, 51.9711

Trichromacy



Original Color

60.1848, 49.5982, 70.0196



Protanomaly

52.7929, 49.3106, 76.5475



Deuteranomaly

53.7035, 49.3594, 68.9842



Tritanomaly

57.6426, 49.6397, 58.1731

Monochromacy



Original Color

60.1848, 49.5982, 70.0196



Achromatopsia

50.1023, 52.7115, 57.4028



Achromatomaly

53.1657, 51.0359, 61.6924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1848, 49.5982, 70.0196 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(236, 165, 214)` looks like.

```
.text, #text, p{  
    color:rgb(236, 165, 214)  
}
```

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(236, 165, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 165, 214) }
```

Border

The CSS property to change the border of an element to XYZ 60.1848, 49.5982, 70.0196 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(236, 165, 214) }
```


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

```
.border{ border-color:rgb(236, 165, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 165, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 165, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 165, 214);  
box-shadow:4px 4px 4px 4px rgb(236, 165,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1848, 49.5982, 70.0196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 165, 214) }
```

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

```
.background{ background-color: rgb(236,  
165, 214) }
```

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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