

Converting Colors

XYZ(61.2356, 58.6755, 69.2422)

Have a look what the booklet for
XYZ(61.2356, 58.6755, 69.2422)
contains.

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Color

**XYZ(61.1342, 58.4810,
69.0386)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC1D2
RGB	223, 193, 210
RGB Percent	87%, 76%, 82%
CMY	0.1255, 0.2431, 0.1765
CMYK	0.00, 0.13, 0.06, 0.13
HSL	326°, 32%, 82%
HSV	326°, 13%, 87%
XYZ	61.1342, 58.4810, 69.0386
YIQ	203.9080, 12.4230, 11.6470

Conversions

Conversions Part 2

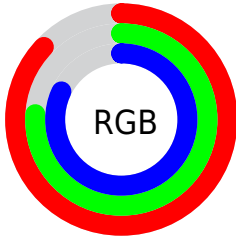
Format	Color
R_{YB}	223, 193, 210
Decimal	14664146
CIE _{Lab}	81.01, 13.48, -4.57
CIE _{LCh}	81, 14.230, 341.271
Yxy	58.4810, 0.3241, 0.3100
Android (android.graphics.Color)	4292854226 (0xFFDFC1D2)
YUV	203.9080, 3.0034, 16.7437
Hunter-Lab	76.4729, 8.8695, 0.0049

Details

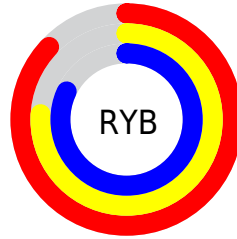
The XYZ color **61.1342, 58.4810, 69.0386** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.5228, 68.5705, 68.4939**, and the grayscale version is **57.3139, 60.2987, 65.6653**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **31.3818, 29.1904, 35.4328** is the 20% darker color. If you saturate the color by 10%, you get **55.4038, 48.8886, 61.3665**, and if you desaturate by 10%, it is **67.6840, 69.5943, 77.3440**.

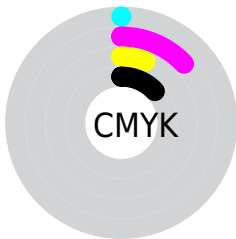
Distribution



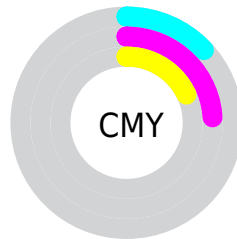
- Red (87%)
- Green (76%)
- Blue (82%)



- Red (87%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1342, 58.4810, 69.0386 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 61.1342, 58.4810, 69.0386 by changing the saturation by 10% instead.

61.1342, 58.4810,
69.0386

61.1342, 58.4810,
69.0386

418.5339,
418.9759, 475.8647

44.5864, 42.1955,
50.2712

105.5702,
102.6230, 119.5049

31.3317, 29.2544,
35.2562

134.1892,
131.2482, 152.0409

21.0046, 19.2733,
23.5752

167.5626,
164.7555, 190.0035

13.2399, 11.8680,
14.8095

206.0559,
203.5291, 233.8113

7.6721, 6.6538,
8.5407

250.0343,
247.9536, 283.8828

3.9359, 3.2466,
4.3501

299.8632,

1.6659, 1.2618,

298.4133, 340.6365

1.8193

355.9079,
355.2926, 404.4909

■ 0.4348, 0.1113,
0.4407

■ 0.0000, 0.0000,
0.0000

■ 61.1342, 58.4810,
69.0386

■ 61.1342, 58.4810,
69.0386

■ 55.4038, 48.8886,
61.3665

■ 67.6840, 69.5943,
77.3440

■ 50.4532, 40.7424,
54.3062

■ 75.0806, 82.2833,
86.2959

■ 46.2473, 33.9732,
47.8401

■ 81.7710, 93.4398,
95.3833

■ 42.7459, 28.5029,
41.9484

■ 83.2376, 94.0265,
103.1062

■ 39.9049, 24.2455,
36.6094

■ 84.2418, 94.4281,
108.3942

■ 37.6749, 21.1046,
31.7997

■ 35.9991, 18.9688,
27.4929

■ 34.8089, 17.7035,
23.6588

■ 34.2206, 17.2037,
21.3762

Harmonies

Analogous

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



59.4126, 58.4810, 76.6897



61.1342, 58.4810, 69.0386



61.3380, 58.4810, 60.5517

Triad

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



61.1342, 58.4810, 69.0386



54.4826, 58.4810, 49.0291



51.4271, 58.4810, 75.0098

Complementary

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



61.1342, 58.4810, 69.0386



59.5228, 68.5705, 68.4939

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.



50.2024, 58.4810, 66.9057



61.1342, 58.4810, 69.0386



51.9244, 58.4810, 52.2244

Square

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



61.1342, 58.4810, 69.0386



57.4267, 58.4810, 49.4902



50.3811, 58.4810, 58.5983



53.7820, 58.4810, 80.3421

Rectangle

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



61.1342, 58.4810, 69.0386



60.5776, 58.4810, 55.6062



50.3811, 58.4810, 58.5983



50.8735, 58.4810, 72.4908

Sweetspot

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



61.1359, 58.4836, 69.0399



91.1783, 93.3824, 104.1386



57.8451, 56.5923, 77.6874



19.3645, 19.7296, 22.1017



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.



61.1359, 58.4836, 69.0399



80.6698, 75.5875, 90.7025



59.3537, 57.7707, 59.6552



14.0309, 13.8300, 15.9331



20.1787, 10.1385, 12.8729



1.4434, 0.7206, 1.1276

Inverse Universe

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



61.1359, 58.4836, 69.0399



80.6698, 75.5875, 90.7025



61.4329, 69.3346, 78.5526



14.0309, 13.8300, 15.9331



20.1787, 10.1385, 12.8729



1.4434, 0.7206, 1.1276

Previews

White Background



This preview shows how the XYZ color 61.1342, 58.4810, 69.0386 looks on a white background.

Color Contrast Check

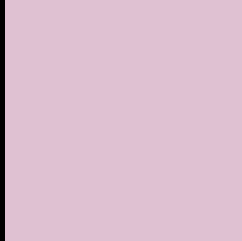
Large Text (above 18pt) WCAG AA × Fail

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 61.1342, 58.4810, 69.0386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

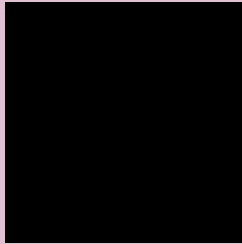
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1342, 58.4810, 69.0386

Background



This preview shows how black text looks on a background with the XYZ color 61.1342, 58.4810, 69.0386.

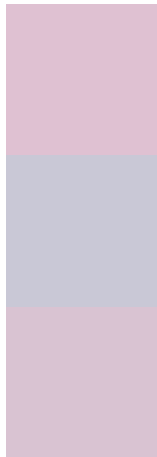


This preview shows how white text looks on a background with the XYZ color 61.1342, 58.4810,

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

61.1342, 58.4810, 69.0386

Protanopia

56.8793, 58.5811, 71.9278

Deuteranopia

59.7632, 58.4351, 69.1020



Tritanopia

60.8866, 58.3820, 67.7343

Trichromacy



Original Color

61.1342, 58.4810, 69.0386

Protanomaly

58.2710, 58.2919, 71.1310

Deuteranomaly

60.1381, 58.2968, 69.0556

Tritanomaly

61.0100, 58.4314, 68.3844

Monochromacy



Original Color

61.1342, 58.4810, 69.0386

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.6588, 59.6137, 66.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1342, 58.4810, 69.0386 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(223, 193, 210)` looks like.

```
.text, #text, p{  
    color:rgb(223, 193, 210)  
}
```

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(223, 193, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 193, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.1342, 58.4810, 69.0386 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(223, 193, 210) }
```


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

```
.border{ border-color:rgb(223, 193, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 193, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 193, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 193, 210);  
box-shadow:4px 4px 4px 4px rgb(223, 193,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1342, 58.4810, 69.0386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 193, 210) }
```

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

```
.background{ background-color: rgb(223,  
193, 210) }
```

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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