

Converting Colors

XYZ(61.2371, 56.7751, 69.0929)

Have a look what the booklet for
XYZ(61.2371, 56.7751, 69.0929)
contains.

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Color

**XYZ(61.4196, 57.0005,
69.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	E3BCD3
RGB	227, 188, 211
RGB Percent	89%, 74%, 83%
CMY	0.1098, 0.2627, 0.1725
CMYK	0.00, 0.17, 0.07, 0.11
HSL	325°, 41%, 81%
HSV	325°, 17%, 89%
XYZ	61.4196, 57.0005, 69.3930
YIQ	202.2830, 15.8610, 15.4210

Conversions

Conversions Part 2

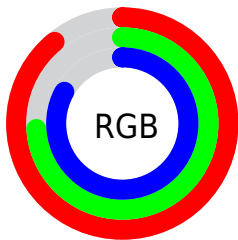
Format	Color
R_{YB}	227, 188, 211
Decimal	14925011
CIE _{Lab}	80.18, 17.71, -6.29
CIE _{LCh}	80, 18.789, 340.453
Yxy	57.0005, 0.3270, 0.3035
Android (android.graphics.Color)	4293115091 (0xFFE3BCD3)
YUV	202.2830, 4.2975, 21.6768
Hunter-Lab	75.4987, 13.0904, -1.6461

Details

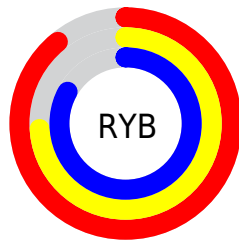
The XYZ color **61.4196, 57.0005, 69.3930** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **59.1094, 69.9906, 67.5242**, and the grayscale version is **56.2841, 59.2153, 64.4855**.

A 20% lighter version of the original color is **91.6407, 93.1814, 107.7636**, and **31.5444, 28.4202, 35.7214** is the 20% darker color. If you saturate the color by 10%, you get **55.8128, 47.6011, 61.9295**, and if you desaturate by 10%, it is **67.8601, 67.9574, 77.4695**.

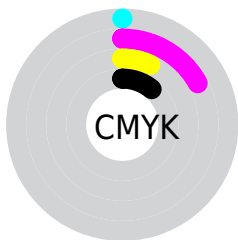
Distribution



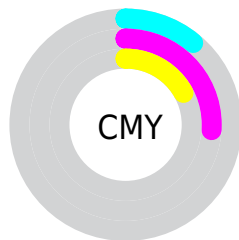
- Red (89%)
- Green (74%)
- Blue (83%)



- Red (89%)
- Yellow (74%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (11%)



- Cyan (11%)
- Magenta (26%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4196, 57.0005, 69.3930 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 61.4196, 57.0005, 69.3930 by changing the saturation by 10% instead.

61.4196, 57.0005,
69.3930

61.4196, 57.0005,
69.3930

419.5622,
413.4512, 477.1473

44.8177, 41.0056,
50.5581

105.9809,
100.4659, 120.0157

31.5145, 28.3235,
35.4828

134.6711,
128.7053, 152.6406

21.1447, 18.5697,
23.7485

168.1214,
161.7949, 190.6992

13.3429, 11.3597,
14.9367

206.6971,
200.1192, 234.6101

7.7437, 6.3093,
8.6288

250.7637,
244.0626, 284.7918

3.9818, 3.0341,
4.4064

300.6866,

1.6918, 1.1496,

294.0095, 341.6629

1.8508

356.8309,
350.3442, 405.6419

■ 0.4512, 0.0199,
0.4612

■ 0.0000, 0.0000,
0.0000

■ 61.4196, 57.0005,
69.3930

■ 61.4196, 57.0005,
69.3930

■ 55.8128, 47.6011,
61.9295

■ 67.8601, 67.9574,
77.4695

■ 50.9980, 39.6800,
55.0576

■ 75.1636, 80.5311,
86.1724

■ 46.9374, 33.1626,
48.7595

■ 83.0104, 94.0796,
95.4010

■ 43.5877, 27.9645,
43.0150

■ 84.4219, 94.6443,
102.8343

■ 40.9014, 23.9923,
37.8021

■ 85.4889, 95.0710,
108.4525

■ 38.8245, 21.1402,
33.0967

■ 37.2939, 19.2842,
28.8711

■ 36.2273, 18.2616,
25.0913

■ 35.9724, 18.0485,
24.0919

Harmonies

Analogous

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



59.0986, 57.0005, 79.5404



61.4196, 57.0005, 69.3930



61.7488, 57.0005, 58.3144

Triad

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



61.4196, 57.0005, 69.3930



52.8517, 57.0005, 43.5436



48.7632, 57.0005, 76.7825

Complementary

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



61.4196, 57.0005, 69.3930



59.1094, 69.9906, 67.5242

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.



47.2514, 57.0005, 65.9707



61.4196, 57.0005, 69.3930



49.5371, 57.0005, 47.3553

Square

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



61.4196, 57.0005, 69.3930



56.6793, 57.0005, 44.2307



47.5279, 57.0005, 55.2698



51.7499, 57.0005, 84.1424

Rectangle

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



61.4196, 57.0005, 69.3930



60.7785, 57.0005, 51.9738



47.5279, 57.0005, 55.2698



48.0722, 57.0005, 73.3819

Sweetspot

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



61.4213, 57.0030, 69.3942



90.2857, 91.8008, 103.2132



56.6430, 54.2963, 80.1686



19.1865, 19.4118, 21.9244



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.



61.4213, 57.0030, 69.3942



76.9438, 69.1282, 86.3999



59.1671, 56.1014, 57.5242



14.7318, 14.5099, 16.7880



21.0383, 10.5495, 14.3627



1.6005, 0.7979, 1.3030

Inverse Universe

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



61.4213, 57.0030, 69.3942



76.9438, 69.1282, 86.3999



61.5427, 70.9639, 80.3375



14.7318, 14.5099, 16.7880



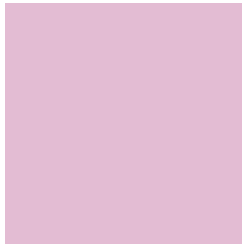
21.0383, 10.5495, 14.3627



1.6005, 0.7979, 1.3030

Previews

White Background



This preview shows how the XYZ color 61.4196, 57.0005, 69.3930 looks on a white background.

Color Contrast Check

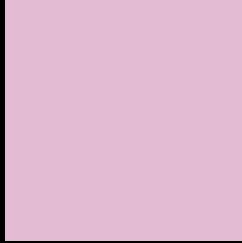
Large Text (above 18pt) WCAG AA × Fail

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 61.4196, 57.0005, 69.3930 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 61.4196, 57.0005, 69.3930

Background



This preview shows how black text looks on a background with the XYZ color 61.4196, 57.0005, 69.3930.



This preview shows how white text looks on a background with the XYZ color 61.4196, 57.0005,

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

61.4196, 57.0005, 69.3930

Protanopia

55.7444, 57.2682, 73.7615

Deuteranopia

58.1434, 56.9392, 68.8986



Tritanopia

60.4607, 56.9236, 64.9275

Trichromacy



Original Color

61.4196, 57.0005, 69.3930

Protanomaly

57.5700, 56.8998, 72.2385

Deuteranomaly

59.1771, 56.8202, 68.8212

Tritanomaly

60.8241, 57.0689, 66.8411

Monochromacy



Original Color

61.4196, 57.0005, 69.3930

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.8497, 58.1892, 65.9402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4196, 57.0005, 69.3930 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(227, 188, 211)` looks like.

```
.text, #text, p{  
    color:rgb(227, 188, 211)  
}
```

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(227, 188, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 188, 211) }
```

Border

The CSS property to change the border of an element to XYZ 61.4196, 57.0005, 69.3930 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(227, 188, 211) }
```


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

```
.border{ border-color:rgb(227, 188, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 188, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 188, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 188, 211);  
box-shadow:4px 4px 4px 4px rgb(227, 188,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4196, 57.0005, 69.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 188, 211) }
```

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

```
.background{ background-color: rgb(227,  
188, 211) }
```

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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