

Converting Colors

XYZ(61.0260, 55.4989, 70.1263)

Have a look what the booklet for
XYZ(61.0260, 55.4989, 70.1263)
contains.

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Color

**XYZ(61.1456, 55.5791,
70.4559)**

Conversions

Conversions Part 1

Format	Color
Hex	E4B8D5
RGB	228, 184, 213
RGB Percent	89%, 72%, 84%
CMY	0.1059, 0.2784, 0.1647
CMYK	0.00, 0.19, 0.07, 0.11
HSL	320°, 45%, 81%
HSV	320°, 19%, 89%
XYZ	61.1456, 55.5791, 70.4559
YIQ	200.4620, 16.9150, 18.3470

Conversions

Conversions Part 2

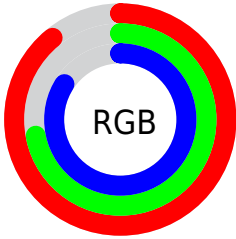
Format	Color
R _Y B	228, 184, 213
Decimal	14989525
CIE Lab	79.37, 20.54, -8.55
CIE LCh	79, 22.246, 337.396
Yxy	55.5791, 0.3267, 0.2969
Android (android.graphics.Color)	4293179605 (0xFFE4B8D5)
YUV	200.4620, 6.1812, 24.1508
Hunter-Lab	74.5514, 15.9373, -3.8469

Details

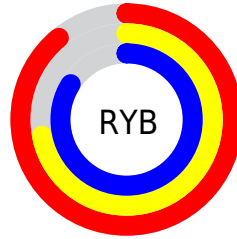
The XYZ color **61.1456, 55.5791, 70.4559** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.8216, 69.8021, 64.4617**, and the grayscale version is **55.1417, 58.0133, 63.1765**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **31.3011, 27.4719, 36.0006** is the 20% darker color. If you saturate the color by 10%, you get **55.8230, 46.4745, 63.9301**, and if you desaturate by 10%, it is **67.2821, 66.2341, 77.4876**.

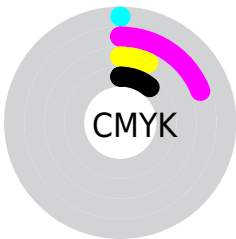
Distribution



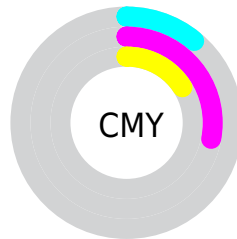
- Red (89%)
- Green (72%)
- Blue (84%)



- Red (89%)
- Yellow (72%)
- Blue (84%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (11%)





- Cyan (11%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1456, 55.5791, 70.4559 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 61.1456, 55.5791, 70.4559 by changing the saturation by 10% instead.


 61.1456, 55.5791,
70.4559

 61.1456, 55.5791,
70.4559


418.5750,
408.1034, 480.9814

 44.5957, 39.8656,
51.4192


 105.5866, 98.3889,
121.5459

 31.3390, 27.4337,
36.1633


134.2085,
126.2540, 154.4362

 21.0102, 17.8992,
24.2696

167.5850,
158.9383, 192.7815

 13.2440, 10.8777,
15.3197

206.0815,
196.8264, 237.0004

 7.6749, 5.9846,
8.8950

250.0634,
240.3025, 287.5112

 3.9377, 2.8357,
4.5769

299.8961,

 1.6669, 1.0466,

289.7511, 344.7326

1.9468

355.9448,
345.5566, 409.0832

■ 0.4354, 0.0000,
0.5223

■ 0.0000, 0.0000,
0.0000

■ 61.1456, 55.5791,
70.4559

■ 61.1456, 55.5791,
70.4559

■ 55.8230, 46.4745,
63.9301

■ 67.2821, 66.2341,
77.4876

■ 51.2721, 38.8397,
57.8911

■ 74.2622, 78.5005,
85.0364

■ 47.4546, 32.5979,
52.3234

■ 82.1203, 92.4449,
93.1174

■ 44.3264, 27.6622,
47.2089

■ 84.0988, 94.5516,
99.4813

■ 41.8387, 23.9363,
42.5280

■ 85.3050, 95.0341,
105.8335

■ 39.9360, 21.3100,
38.2584

■ 85.8052, 95.2341,
108.4674

■ 38.5525, 19.6531,
34.3748

■ 37.5834, 18.7573,
30.8385

■ 37.5217, 18.7047,
30.5996

Harmonies

Analogous

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



58.2077, 55.5791, 82.2013



61.1456, 55.5791, 70.4559



61.7955, 55.5791, 57.4093

Triad

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



61.1456, 55.5791, 70.4559



51.7300, 55.5791, 39.2811



46.3017, 55.5791, 76.6917

Complementary

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



61.1456, 55.5791, 70.4559



57.8216, 69.8021, 64.4617

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.



44.7698, 55.5791, 63.7332



61.1456, 55.5791, 70.4559



47.7872, 55.5791, 43.0256

Square

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



61.1456, 55.5791, 70.4559



56.1916, 55.5791, 40.5559



45.2980, 55.5791, 51.5583



49.5981, 55.5791, 86.1403

Rectangle

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



61.1456, 55.5791, 70.4559



60.8121, 55.5791, 49.9037



45.2980, 55.5791, 51.5583



45.5720, 55.5791, 72.5357

Sweetspot

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



61.1472, 55.5816, 70.4571



89.5332, 90.2922, 102.9739



54.6112, 51.9819, 80.5546



19.0405, 19.1101, 21.9058



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.



61.1472, 55.5816, 70.4571



76.0549, 66.8963, 87.5040



58.5781, 54.5539, 56.9281



14.7754, 14.5273, 17.0174



21.7238, 10.8238, 17.9726



1.6484, 0.8171, 1.5550

Inverse Universe

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



61.1472, 55.5816, 70.4571



76.0549, 66.8963, 87.5040



60.5191, 70.8811, 78.6669



14.7754, 14.5273, 17.0174



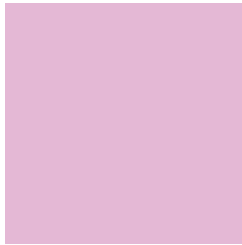
21.7238, 10.8238, 17.9726



1.6484, 0.8171, 1.5550

Previews

White Background



This preview shows how the XYZ color 61.1456, 55.5791, 70.4559 looks on a white background.

Color Contrast Check

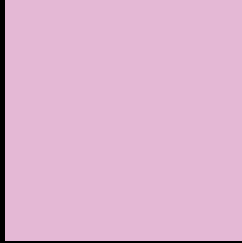
Large Text (above 18pt) WCAG AA × Fail

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 61.1456, 55.5791, 70.4559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

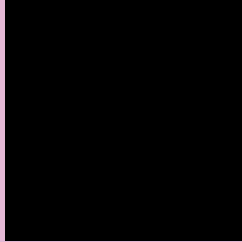
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1456, 55.5791, 70.4559

Background



This preview shows how black text looks on a background with the XYZ color 61.1456, 55.5791, 70.4559.



This preview shows how white text looks on a background with the XYZ color 61.1456, 55.5791,

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

61.1456, 55.5791, 70.4559

Protanopia

54.4257, 55.5350, 75.5609

Deuteranopia

56.8090, 55.5704, 70.0194



Tritanopia

59.4656, 55.5036, 62.8374

Trichromacy



Original Color

61.1456, 55.5791, 70.4559

Protanomaly

56.6088, 55.3932, 73.3540

Deuteranomaly

58.1858, 55.3188, 69.8982

Tritanomaly

60.0470, 55.4366, 65.2931

Monochromacy



Original Color

61.1456, 55.5791, 70.4559

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.8896, 56.6930, 65.7020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1456, 55.5791, 70.4559 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(228, 184, 213)` looks like.

```
.text, #text, p{  
    color:rgb(228, 184, 213)  
}
```

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(228, 184, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 184, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.1456, 55.5791, 70.4559 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(228, 184, 213) }
```


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

```
.border{ border-color:rgb(228, 184, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 184, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 184, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 184, 213);  
box-shadow:4px 4px 4px 4px rgb(228, 184,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1456, 55.5791, 70.4559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 184, 213) }
```

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

```
.background{ background-color: rgb(228,  
184, 213) }
```

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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