

Converting Colors

XYZ(61.4008, 53.6922, 69.8575)

Have a look what the booklet for
XYZ(61.4008, 53.6922, 69.8575)
contains.

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Color

**XYZ(61.3367, 53.5720,
70.0584)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B1D5
RGB	233, 177, 213
RGB Percent	91%, 69%, 84%
CMY	0.0863, 0.3059, 0.1647
CMYK	0.00, 0.24, 0.09, 0.09
HSL	321°, 56%, 80%
HSV	321°, 24%, 91%
XYZ	61.3367, 53.5720, 70.0584
YIQ	197.8480, 21.8200, 23.0680

Conversions

Conversions Part 2

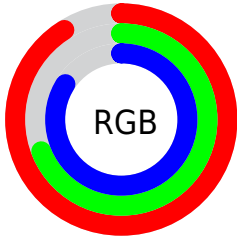
Format	Color
R _Y B	233, 177, 213
Decimal	15315413
CIE Lab	78.21, 26.00, -10.23
CIE LCh	78, 27.936, 338.522
Yxy	53.5720, 0.3316, 0.2896
Android (android.graphics.Color)	4293505493 (0xFFE9B1D5)
YUV	197.8480, 7.4699, 30.8283
Hunter-Lab	73.1929, 21.4980, -5.5159

Details

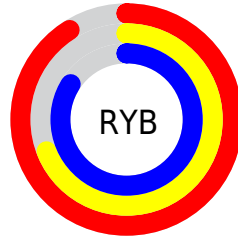
The XYZ color **61.3367, 53.5720, 70.0584** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.3506, 71.6578, 63.6353**, and the grayscale version is **53.5323, 56.3202, 61.3327**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **31.5107, 26.2310, 35.7501** is the 20% darker color. If you saturate the color by 10%, you get **56.0924, 44.7301, 63.2320**, and if you desaturate by 10%, it is **67.4241, 64.0118, 77.4345**.

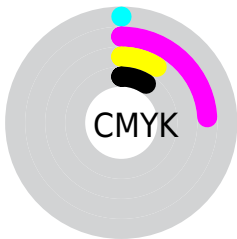
Distribution



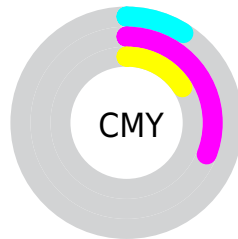
- Red (91%)
- Green (69%)
- Blue (84%)



- Red (91%)
- Yellow (69%)
- Blue (84%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (9%)



- Cyan (9%)
- Magenta (31%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3367, 53.5720, 70.0584 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 61.3367, 53.5720, 70.0584 by changing the saturation by 10% instead.

61.3367, 53.5720,
70.0584

61.3367, 53.5720,
70.0584

419.2637,
400.4758, 479.5497

44.7505, 38.2596,
51.0970

105.8617, 95.4455,
120.9739

31.4614, 26.1842,
35.9086

134.5311,
122.7754, 153.7652

21.1040, 16.9615,
24.0745

167.9591,
154.8800, 192.0035

13.3129, 10.2071,
15.1762

206.5109,
192.1435, 236.1074

7.7229, 5.5365,
8.7951

250.5519,
234.9505, 286.4954

3.9684, 2.5653,
4.5128

300.4475,

1.6843, 0.9093,

283.6853, 343.5861

1.9107

356.5630,
338.7322, 407.7980

■ 0.4464, 0.0000,
0.4995

■ 0.0000, 0.0000,
0.0000

■ 61.3367, 53.5720,
70.0584

■ 61.3367, 53.5720,
70.0584

■ 56.0924, 44.7301,
63.2320

■ 67.4241, 64.0118,
77.4345

■ 51.6458, 37.3989,
56.9344

■ 74.3876, 76.1167,
85.3734

■ 47.9542, 31.4935,
51.1479

■ 82.2645, 89.9589,
93.8920

■ 44.9688, 26.9178,
45.8521

■ 86.0438, 95.5155,
101.3235

■ 42.6351, 23.5639,
41.0246

■ 87.3523, 96.0389,
108.2139

■ 40.8896, 21.3065,
36.6398

■ 87.4147, 96.0639,
108.5427

■ 39.6555, 19.9934,
32.6676

■ 39.0920, 19.5188,
30.4683

Harmonies

Analogous

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



57.7479, 53.5720, 85.1867



61.3367, 53.5720, 70.0584



62.0341, 53.5720, 53.9835

Triad

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



61.3367, 53.5720, 70.0584



49.3771, 53.5720, 33.3428



43.1316, 53.5720, 79.1543

Complementary

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



61.3367, 53.5720, 70.0584



57.3506, 71.6578, 63.6353

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.



41.2171, 53.5720, 62.9054



61.3367, 53.5720, 70.0584



44.6501, 53.5720, 37.8111

Square

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



61.3367, 53.5720, 70.0584



54.8639, 53.5720, 34.5680



41.7524, 53.5720, 47.9909



47.1671, 53.5720, 91.0576

Rectangle

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



61.3367, 53.5720, 70.0584



60.7210, 53.5720, 45.1080



41.7524, 53.5720, 47.9909



42.2323, 53.5720, 73.9138

Sweetspot

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



61.3383, 53.5744, 70.0595



88.6080, 88.7314, 101.7725



53.3537, 49.1466, 83.7660



18.8524, 18.7947, 21.6555



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.



61.3383, 53.5744, 70.0595



71.8593, 59.9622, 81.6133



58.1277, 52.2901, 53.1526



15.4732, 15.2171, 17.7771



22.2426, 11.0997, 17.6105



1.7922, 0.8898, 1.6229

Inverse Universe

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



61.3383, 53.5744, 70.0595



71.8593, 59.9622, 81.6133



60.8083, 73.0409, 81.8431



15.4732, 15.2171, 17.7771



22.2426, 11.0997, 17.6105



1.7922, 0.8898, 1.6229

Previews

White Background



This preview shows how the XYZ color 61.3367, 53.5720, 70.0584 looks on a white background.

Color Contrast Check

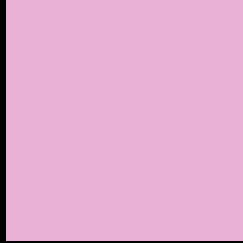
Large Text (above 18pt) WCAG AA × Fail

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 61.3367, 53.5720, 70.0584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

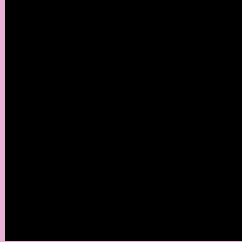
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3367, 53.5720, 70.0584

Background



This preview shows how black text looks on a background with the XYZ color 61.3367, 53.5720, 70.0584.



This preview shows how white text looks on a background with the XYZ color 61.3367, 53.5720,

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

61.3367, 53.5720, 70.0584

Protanopia

52.9080, 53.7184, 77.3922

Deuteranopia

54.9179, 53.6487, 69.0888



Tritanopia

59.0139, 53.5265, 58.2602

Trichromacy



Original Color

61.3367, 53.5720, 70.0584

Protanomaly

55.4583, 53.4925, 74.4199

Deuteranomaly

57.0485, 53.4815, 69.6035

Tritanomaly

59.9414, 53.6131, 62.4474

Monochromacy



Original Color

61.3367, 53.5720, 70.0584

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.0569, 54.9876, 64.1591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3367, 53.5720, 70.0584 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(233, 177, 213)` looks like.

```
.text, #text, p{  
    color:rgb(233, 177, 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(233, 177, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 177, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.3367, 53.5720, 70.0584 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(233, 177, 213) }
```


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

```
.border{ border-color:rgb(233, 177, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 177, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 177, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 177, 213);  
box-shadow:4px 4px 4px 4px rgb(233, 177,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3367, 53.5720, 70.0584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 177, 213) }
```

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

```
.background{ background-color: rgb(233,  
177, 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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