

Converting Colors

XYZ(60.7771, 53.5304, 71.1345)

Have a look what the booklet for
XYZ(60.7771, 53.5304, 71.1345)
contains.

XYZ(60.8193, 53.5701, 71.4245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.8193, 53.5701,
71.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	E6B2D7
RGB	230, 178, 215
RGB Percent	90%, 70%, 84%
CMY	0.0980, 0.3019, 0.1569
CMYK	0.00, 0.23, 0.07, 0.10
HSL	317°, 51%, 80%
HSV	317°, 23%, 90%
XYZ	60.8193, 53.5701, 71.4245
YIQ	197.7660, 19.1150, 22.5310

Conversions

Conversions Part 2

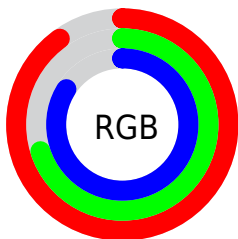
Format	Color
R _Y B	230, 178, 215
Decimal	15119063
CIE Lab	78.21, 24.78, -11.35
CIE LCh	78, 27.256, 335.402
Yxy	53.5701, 0.3273, 0.2883
Android (android.graphics.Color)	4293309143 (0xFFE6B2D7)
YUV	197.7660, 8.4964, 28.2692
Hunter-Lab	73.1916, 20.2411, -6.6244

Details

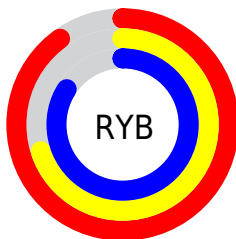
The XYZ color **60.8193, 53.5701, 71.4245** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.2848, 69.9105, 60.9829**, and the grayscale version is **53.4778, 56.2628, 61.2702**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **31.1343, 26.2040, 36.6746** is the 20% darker color. If you saturate the color by 10%, you get **55.7860, 44.8397, 65.6255**, and if you desaturate by 10%, it is **66.6576, 63.8535, 77.6637**.

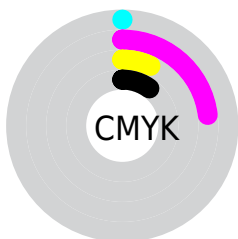
Distribution



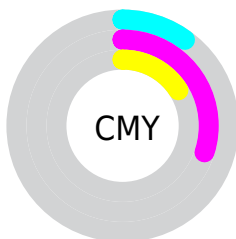
- Red (90%)
- Green (70%)
- Blue (84%)



- Red (90%)
- Yellow (70%)
- Blue (84%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (10%)



- Cyan (10%)
- Magenta (30%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8193, 53.5701, 71.4245 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 60.8193, 53.5701, 71.4245 by changing the saturation by 10% instead.

60.8193, 53.5701,
71.4245

60.8193, 53.5701,
71.4245

417.3976,
400.4685, 484.4596

44.3313, 38.2581,
52.2047

105.1169, 95.4427,
122.9381

31.1301, 26.1830,
36.7849

133.6571,
122.7721, 156.0689

20.8503, 16.9606,
24.7465

166.9456,
154.8761, 194.6739

13.1264, 10.2064,
15.6710

205.3476,
192.1391, 239.1716

7.5933, 5.5360,
9.1398

249.2284,
234.9454, 289.9804

3.8854, 2.5651,
4.7344

298.9535,

1.6375, 0.9091,

283.6795, 347.5190

2.0363

354.8881,
338.7257, 412.2059

■ 0.4167, 0.0000,
0.5775

■ 0.0000, 0.0000,
0.0000

■ 60.8193, 53.5701,
71.4245

■ 60.8193, 53.5701,
71.4245

■ 55.7860, 44.8397,
65.6255

■ 66.6576, 63.8535,
77.6637

■ 51.5143, 37.5786,
60.2483

■ 73.3320, 75.7541,
84.3536

■ 47.9638, 31.7060,
55.2782

■ 80.8780, 89.3410,
91.5086

■ 45.0885, 27.1303,
50.6976

■ 84.3519, 94.7265,
97.4825

■ 42.8367, 23.7489,
46.4874

■ 85.3644, 95.1315,
102.8143

■ 41.1490, 21.4437,
42.6254

■ 86.4134, 95.5511,
108.3384

■ 39.9537, 20.0721,
39.0856

■ 86.4435, 95.5632,
108.4972

■ 39.3027, 19.4909,
36.6465

Harmonies

Analogous

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



57.0900, 53.5701, 85.6850



60.8193, 53.5701, 71.4245



61.8210, 53.5701, 55.6081

Triad

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



60.8193, 53.5701, 71.4245



49.9577, 53.5701, 33.7081



43.0087, 53.5701, 77.0455

Complementary

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



60.8193, 53.5701, 71.4245



56.2848, 69.9105, 60.9829

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.



41.3767, 53.5701, 61.1367



60.8193, 53.5701, 71.4245



45.2054, 53.5701, 37.5194

Square

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



60.8193, 53.5701, 71.4245



55.3048, 53.5701, 35.4972



42.1521, 53.5701, 46.9403



46.7673, 53.5701, 89.3068

Rectangle

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



60.8193, 53.5701, 71.4245



60.7509, 53.5701, 46.6183



42.1521, 53.5701, 46.9403



42.2056, 53.5701, 71.8524

Sweetspot

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



60.8209, 53.5725, 71.4256



88.7995, 88.8080, 102.7810



52.1300, 48.8591, 81.5471



18.8968, 18.8125, 21.8893



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.



60.8209, 53.5725, 71.4256



73.8458, 62.4472, 86.8630



57.7698, 52.3520, 55.3587



14.8086, 14.5406, 17.1923



22.3061, 11.0567, 21.0388



1.6881, 0.8329, 1.7640

Inverse Universe

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



60.8209, 53.5725, 71.4256



73.8458, 62.4472, 86.8630



59.4099, 71.1605, 77.4395



14.8086, 14.5406, 17.1923



22.3061, 11.0567, 21.0388



1.6881, 0.8329, 1.7640

Previews

White Background



This preview shows how the XYZ color 60.8193, 53.5701, 71.4245 looks on a white background.

Color Contrast Check

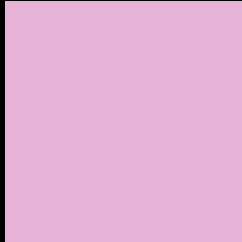
Large Text (above 18pt) WCAG AA × Fail

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 60.8193, 53.5701, 71.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

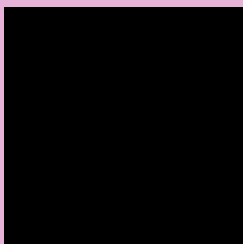
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8193, 53.5701, 71.4245

Background



This preview shows how black text looks on a background with the XYZ color 60.8193, 53.5701, 71.4245.



This preview shows how white text looks on a background with the XYZ color 60.8193, 53.5701,

71.4245.

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

60.8193, 53.5701, 71.4245

Protanopia

53.0432, 53.7725, 78.1045

Deuteranopia

54.8953, 53.6079, 70.4049



Tritanopia

58.0528, 53.3188, 58.8616

Trichromacy



Original Color

60.8193, 53.5701, 71.4245

Protanomaly

55.4501, 53.4576, 75.8024

Deuteranomaly

56.7187, 53.2822, 70.9134

Tritanomaly

58.9768, 53.4008, 63.0761

Monochromacy



Original Color

60.8193, 53.5701, 71.4245

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

56.1082, 55.3229, 64.8479

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8193, 53.5701, 71.4245 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(230, 178, 215)` looks like.

```
.text, #text, p{  
    color:rgb(230, 178, 215)  
}
```

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(230, 178, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 178, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.8193, 53.5701, 71.4245 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(230, 178, 215) }
```


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

```
.border{ border-color:rgb(230, 178, 215) }
```

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

Here you see how a box with a 4 pixel rgb(230, 178, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 178, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 178, 215);  
box-shadow:4px 4px 4px 4px rgb(230, 178,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8193, 53.5701, 71.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 178, 215) }
```

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

```
.background{ background-color: rgb(230,  
178, 215) }
```

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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