

Converting Colors

XYZ(60.8146, 53.8628, 72.1138)

Have a look what the booklet for
XYZ(60.8146, 53.8628, 72.1138)
contains.

XYZ(60.8279, 53.8561, 72.1550)	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(60.8279, 53.8561,
72.1550)**

Conversions

Conversions Part 1

Format	Color
Hex	E5B3D8
RGB	229, 179, 216
RGB Percent	90%, 70%, 85%
CMY	0.1020, 0.2980, 0.1529
CMYK	0.00, 0.22, 0.06, 0.10
HSL	316°, 49%, 80%
HSV	316°, 22%, 90%
XYZ	60.8279, 53.8561, 72.1550
YIQ	198.1680, 17.9230, 22.1070

Conversions

Conversions Part 2

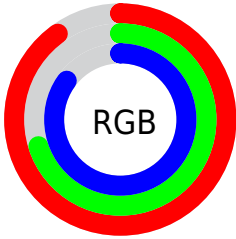
Format	Color
R _Y B	229, 179, 216
Decimal	15053784
CIE Lab	78.38, 24.08, -11.65
CIE LCh	78, 26.750, 334.189
Yxy	53.8561, 0.3256, 0.2882
Android (android.graphics.Color)	4293243864 (0xFFE5B3D8)
YUV	198.1680, 8.7912, 27.0397
Hunter-Lab	73.3867, 19.5262, -6.9242

Details

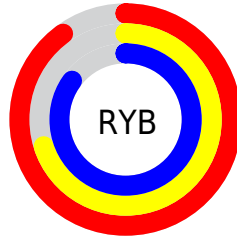
The XYZ color **60.8279, 53.8561, 72.1550** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.1264, 69.4297, 60.3155**, and the grayscale version is **53.7206, 56.5182, 61.5484**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **31.1275, 26.3792, 37.1693** is the 20% darker color. If you saturate the color by 10%, you get **55.8583, 45.1259, 66.7692**, and if you desaturate by 10%, it is **66.5908, 64.1265, 77.9441**.

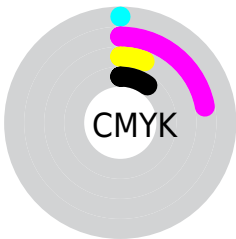
Distribution



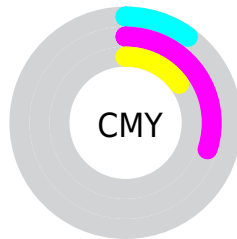
- Red (90%)
- Green (70%)
- Blue (85%)



- Red (90%)
- Yellow (70%)
- Blue (85%)



- Cyan (0%)
- Magenta (22%)
- Yellow (6%)
- Black (10%)





- Cyan (10%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8279, 53.8561, 72.1550 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 60.8279, 53.8561, 72.1550 by changing the saturation by 10% instead.


 60.8279, 53.8561,
72.1550

 60.8279, 53.8561,
72.1550


417.4287,
401.5610, 487.0730

 44.3383, 38.4866,
52.7977


 105.1292, 95.8629,
123.9866

 31.1356, 26.3606,
37.2547

133.6717,
123.2691, 157.2981

 20.8545, 17.0936,
25.1074


166.9625,
155.4562, 196.0979

 13.1295, 10.3012,
15.9373

205.3669,
192.8088, 240.8048

 7.5954, 5.5991,
9.3260

249.2504,
235.7112, 291.8372

 3.8868, 2.6029,
4.8547

298.9783,

 1.6383, 0.9281,

284.5477, 349.6136

2.1050

354.9160,
339.7029, 414.5527

0.4172, 0.0000,
0.6187

0.0000, 0.0000,
0.0000

60.8279, 53.8561,
72.1550

60.8279, 53.8561,
72.1550

55.8583, 45.1259,
66.7692

66.5908, 64.1265,
77.9441

51.6393, 37.8535,
61.7693

73.1773, 76.0001,
84.1462

48.1313, 31.9596,
57.1411

80.6224, 89.5450,
90.7749

45.2893, 27.3542,
52.8682

83.7749, 94.4588,
96.1146

43.0627, 23.9371,
48.9322

84.6734, 94.8182,
100.8462

41.3936, 21.5927,
45.3123

85.6013, 95.1893,
105.7320

40.2125, 20.1825,
41.9837

86.1235, 95.3982,
108.4822

39.5178, 19.5399,
39.4493

Harmonies

Analogous

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



57.0751, 53.8561, 85.9630



60.8279, 53.8561, 72.1550



61.9345, 53.8561, 56.5531

Triad

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



60.8279, 53.8561, 72.1550



50.4546, 53.8561, 34.2679



43.2817, 53.8561, 76.4382

Complementary

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



60.8279, 53.8561, 72.1550



56.1264, 69.4297, 60.3155

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.



41.7636, 53.8561, 60.7779



60.8279, 53.8561, 72.1550



45.7214, 53.8561, 37.8234

Square

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



60.8279, 53.8561, 72.1550



55.7125, 53.8561, 36.2683



42.6256, 53.8561, 46.9279



46.9165, 53.8561, 88.7177

Rectangle

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



60.8279, 53.8561, 72.1550



60.9636, 53.8561, 47.5707



42.6256, 53.8561, 46.9279



42.5187, 53.8561, 71.3059

Sweetspot

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



60.8295, 53.8585, 72.1561



88.8792, 88.8399, 103.2009



51.8771, 49.0414, 80.8614



18.9153, 18.8199, 21.9867



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.



60.8295, 53.8585, 72.1561



74.7705, 63.6852, 89.0560



57.8943, 52.6844, 56.6994



14.8267, 14.5479, 17.2876



22.6457, 11.1925, 22.8273



1.7109, 0.8421, 1.8841

Inverse Universe

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



60.8295, 53.8585, 72.1561



74.7705, 63.6852, 89.0560



59.0710, 70.6076, 75.8220



14.8267, 14.5479, 17.2876



22.6457, 11.1925, 22.8273



1.7109, 0.8421, 1.8841

Previews

White Background



This preview shows how the XYZ color 60.8279, 53.8561, 72.1550 looks on a white background.

Color Contrast Check

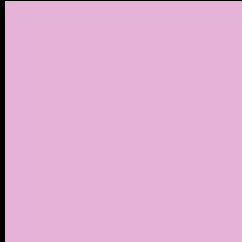
Large Text (above 18pt) WCAG AA × Fail

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 60.8279, 53.8561, 72.1550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

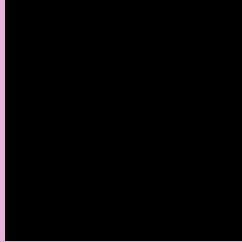
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8279, 53.8561, 72.1550

Background



This preview shows how black text looks on a background with the XYZ color 60.8279, 53.8561, 72.1550.



This preview shows how white text looks on a background with the XYZ color 60.8279, 53.8561,

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

60.8279, 53.8561, 72.1550

Protanopia

53.3996, 54.2675, 78.8944

Deuteranopia

55.2370, 54.0876, 71.1470



Tritanopia

58.1700, 53.6559, 60.1140

Trichromacy



Original Color

60.8279, 53.8561, 72.1550

Protanomaly

55.7966, 53.9369, 76.5773

Deuteranomaly

57.0553, 53.7504, 71.6577

Tritanomaly

59.1015, 53.7383, 64.3843

Monochromacy



Original Color

60.8279, 53.8561, 72.1550

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

55.9447, 55.2247, 65.4684

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8279, 53.8561, 72.1550 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(229, 179, 216)` looks like.

```
.text, #text, p{  
    color:rgb(229, 179, 216)  
}
```

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(229, 179, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 179, 216) }
```

Border

The CSS property to change the border of an element to XYZ 60.8279, 53.8561, 72.1550 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(229, 179, 216) }
```


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

```
.border{ border-color:rgb(229, 179, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 179, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 179, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 179, 216);  
box-shadow:4px 4px 4px 4px rgb(229, 179,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8279, 53.8561, 72.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 179, 216) }
```

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

```
.background{ background-color: rgb(229,  
179, 216) }
```

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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