

Converting Colors

XYZ(60.2896, 54.8218, 71.9464)

Have a look what the booklet for
XYZ(60.2896, 54.8218, 71.9464)
contains.

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Color

**XYZ(60.2506, 54.7808,
71.6882)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B7D7
RGB	225, 183, 215
RGB Percent	88%, 72%, 84%
CMY	0.1176, 0.2823, 0.1569
CMYK	0.00, 0.19, 0.04, 0.12
HSL	314°, 41%, 80%
HSV	314°, 19%, 88%
XYZ	60.2506, 54.7808, 71.6882
YIQ	199.2060, 14.7600, 18.8560

Conversions

Conversions Part 2

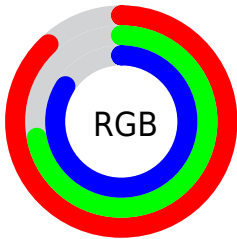
Format	Color
R _Y B	225, 183, 215
Decimal	14792663
CIE Lab	78.91, 20.40, -10.34
CIE LCh	79, 22.872, 333.110
Yxy	54.7808, 0.3227, 0.2934
Android (android.graphics.Color)	4292982743 (0xFFE1B7D7)
YUV	199.2060, 7.7864, 22.6213
Hunter-Lab	74.0141, 15.7820, -5.6170

Details

The XYZ color **60.2506, 54.7808, 71.6882** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.0815, 67.7696, 60.5802**, and the grayscale version is **54.3610, 57.1920, 62.2821**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **30.6900, 26.9383, 36.8398** is the 20% darker color. If you saturate the color by 10%, you get **55.2988, 45.9602, 66.6968**, and if you desaturate by 10%, it is **65.9700, 65.0989, 77.0480**.

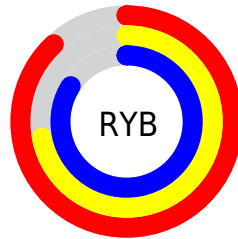
Distribution



Red (88%)

Green (72%)

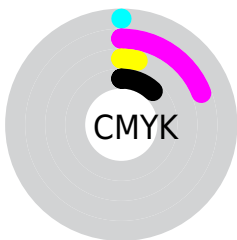
Blue (84%)



Red (88%)

Yellow (72%)

Blue (84%)

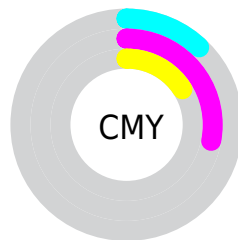


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (28%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2506, 54.7808, 71.6882 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 60.2506, 54.7808, 71.6882 by changing the saturation by 10% instead.

60.2506, 54.7808,
71.6882

60.2506, 54.7808,
71.6882

415.3408,
405.0805, 485.4039

43.8709, 39.2263,
52.4187

104.2974, 97.2197,
123.3167

30.7665, 26.9358,
36.9544

132.6952,
124.8729, 156.5129

20.5721, 17.5250,
24.8767

165.8297,
157.3277, 195.1883

12.9222, 10.6095,
15.7670

204.0663,
194.9686, 239.7616

7.4516, 5.8049,
9.2069

247.7704,
238.1799, 290.6512

3.7950, 2.7268,
4.7777

297.3072,

1.5868, 0.9908,

287.3461, 348.2758

2.0610

353.0423,
342.8515, 413.0539

■ 0.3838, 0.0000,
0.5924

■ 0.0000, 0.0000,
0.0000

■ 60.2506, 54.7808,
71.6882

■ 60.2506, 54.7808,
71.6882

■ 55.2988, 45.9602,
66.6968

■ 65.9700, 65.0989,
77.0480

■ 51.0743, 38.5595,
62.0574

■ 72.4853, 76.9730,
82.7848

■ 47.5407, 32.5048,
57.7573

■ 79.8290, 90.4673,
88.9110

■ 44.6559, 27.7130,
53.7817

■ 82.0150, 93.6091,
93.4323

42.3736, 24.0915,
50.1138

82.8073, 93.9260,
97.6043

40.6410, 21.5349,
46.7351

83.6231, 94.2523,
101.9004

39.3957, 19.9190,
43.6234

84.4627, 94.5882,
106.3218

38.5442, 19.0569,
40.7466

84.8618, 94.7478,
108.4232

38.4429, 18.9642,
40.3745

Harmonies

Analogous

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



56.9848, 54.7808, 83.1434



60.2506, 54.7808, 71.6882



61.2830, 54.7808, 58.3004

Triad

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



60.2506, 54.7808, 71.6882



51.5952, 54.7808, 37.9975



45.0901, 54.7808, 74.3777

Complementary

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



60.2506, 54.7808, 71.6882



56.0815, 67.7696, 60.5802

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.



43.8256, 54.7808, 61.0141



60.2506, 54.7808, 71.6882



47.4416, 54.7808, 41.0553

Square

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



60.2506, 54.7808, 71.6882



56.1177, 54.7808, 40.0067



44.6611, 54.7808, 49.0358



48.2170, 54.7808, 84.8480

Rectangle

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



60.2506, 54.7808, 71.6882



60.5193, 54.7808, 50.3595



44.6611, 54.7808, 49.0358



44.4417, 54.7808, 70.0114

Sweetspot

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



60.2522, 54.7832, 71.6894



89.7807, 90.3912, 104.2772



52.4678, 50.6171, 78.2399



19.0991, 19.1335, 22.2143



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.



60.2522, 54.7832, 71.6894



77.6136, 68.4501, 92.8438



57.7469, 53.7811, 58.4964



14.1482, 13.8769, 16.5504



22.1999, 10.9470, 23.5164



1.5728, 0.7724, 1.8093

Inverse Universe

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



60.2522, 54.7832, 71.6894



77.6136, 68.4501, 92.8438



58.5676, 68.7641, 73.6721



14.1482, 13.8769, 16.5504



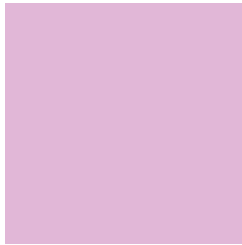
22.1999, 10.9470, 23.5164



1.5728, 0.7724, 1.8093

Previews

White Background



This preview shows how the XYZ color 60.2506, 54.7808, 71.6882 looks on a white background.

Color Contrast Check

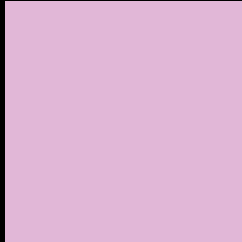
Large Text (above 18pt) WCAG AA × Fail

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 60.2506, 54.7808, 71.6882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

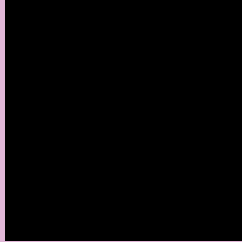
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2506, 54.7808, 71.6882

Background



This preview shows how black text looks on a background with the XYZ color 60.2506, 54.7808, 71.6882.



This preview shows how white text looks on a background with the XYZ color 60.2506, 54.7808,

71.6882.

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

60.2506, 54.7808, 71.6882

Protanopia

53.9625, 54.9339, 76.8664

Deuteranopia

56.0047, 54.8038, 71.2447



Tritanopia

58.4157, 54.9759, 62.1762

Trichromacy



Original Color

60.2506, 54.7808, 71.6882

Protanomaly

55.8282, 54.6379, 74.6215

Deuteranomaly

57.3485, 54.5418, 71.1234

Tritanomaly

59.1089, 54.9530, 65.2492

Monochromacy



Original Color

60.2506, 54.7808, 71.6882

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.1018, 55.9576, 65.6016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2506, 54.7808, 71.6882 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(225, 183, 215)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 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(225, 183, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 215) }
```

Border

The CSS property to change the border of an element to XYZ 60.2506, 54.7808, 71.6882 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(225, 183, 215) }
```


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

```
.border{ border-color:rgb(225, 183, 215) }
```

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

Here you see how a box with a 4 pixel rgb(225, 183, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 215);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2506, 54.7808, 71.6882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 215) }
```

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

```
.background{ background-color: rgb(225,  
183, 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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