

Converting Colors

XYZ(60.0650, 54.4853, 70.2459)

Have a look what the booklet for
XYZ(60.0650, 54.4853, 70.2459)
contains.

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Color

**XYZ(60.1022, 54.4287,
70.2889)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B6D5
RGB	226, 182, 213
RGB Percent	89%, 71%, 84%
CMY	0.1137, 0.2863, 0.1647
CMYK	0.00, 0.19, 0.06, 0.11
HSL	318°, 43%, 80%
HSV	318°, 19%, 89%
XYZ	60.1022, 54.4287, 70.2889
YIQ	198.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

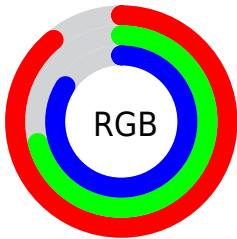
Format	Color
R _Y B	226, 182, 213
Decimal	14857941
CIE Lab	78.71, 20.92, -9.56
CIE LCh	79, 23.003, 335.453
Yxy	54.4287, 0.3252, 0.2945
Android (android.graphics.Color)	4293048021 (0xFFE2B6D5)
YUV	198.6900, 7.0548, 23.9509
Hunter-Lab	73.7758, 16.3091, -4.8447

Details

The XYZ color **60.1022, 54.4287, 70.2889** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.3402, 68.2794, 61.8426**, and the grayscale version is **54.0493, 56.8641, 61.9250**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.5994, 26.7152, 35.8915** is the 20% darker color. If you saturate the color by 10%, you get **55.0122, 45.5767, 64.4964**, and if you desaturate by 10%, it is **65.9772, 64.7933, 76.5165**.

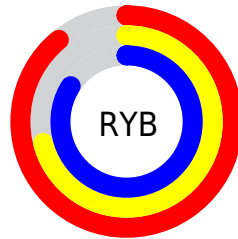
Distribution



Red (89%)

Green (71%)

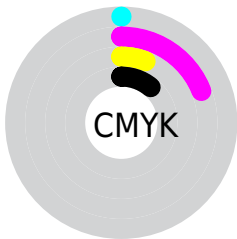
Blue (84%)



Red (89%)

Yellow (71%)

Blue (84%)

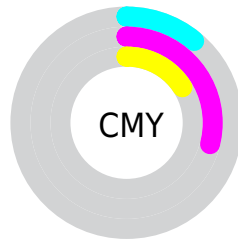


Cyan (0%)

Magenta (19%)

Yellow (6%)

Black (11%)



Cyan (11%)


Magenta (29%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.1022, 54.4287, 70.2889 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 60.1022, 54.4287, 70.2889 by changing the saturation by 10% instead.

 60.1022, 54.4287,
70.2889

 60.1022, 54.4287,
70.2889


414.8031,
403.7427, 480.3802

 43.7508, 38.9445,
51.2838


 104.0834, 96.7034,
121.3056

 30.6717, 26.7166,
36.0563


132.4439,
124.2627, 154.1544

 20.4996, 17.3605,
24.1876


165.5382,
156.6158, 192.4548

 12.8691, 10.4918,
15.2594

203.7315,
194.1472, 236.6253

 7.4148, 5.7263,
8.8530

247.3893,
237.2411, 287.0846

 3.7715, 2.6793,
4.5499

296.8770,

 1.5737, 0.9667,

286.2821, 344.2512

1.9316

352.5598,
341.6545, 408.5435

■ 0.3752, 0.0000,
0.5127

■ 0.0000, 0.0000,
0.0000

■ 60.1022, 54.4287,
70.2889

■ 60.1022, 54.4287,
70.2889

■ 55.0122, 45.5767,
64.4964

■ 65.9772, 64.7933,
76.5165

■ 50.6663, 38.1584,
59.1215

■ 72.6662, 76.7301,
83.1891

■ 47.0269, 32.0986,
54.1502

■ 80.2026, 90.3045,
90.3203

■ 44.0512, 27.3124,
49.5661

■ 82.8099, 93.9632,
95.9867

41.6915, 23.7052,
45.3512

83.8190, 94.3668,
101.3003

39.8937, 21.1693,
41.4851

84.8649, 94.7852,
106.8082

38.5935, 19.5768,
37.9443

85.1744, 94.9089,
108.4378

37.6858, 18.7184,
34.6913

37.6417, 18.6799,
34.5238

Harmonies

Analogous

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



56.9729, 54.4287, 82.0956



60.1022, 54.4287, 70.2889



60.9357, 54.4287, 56.9151

Triad

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



60.1022, 54.4287, 70.2889



50.9062, 54.4287, 37.6647



44.9312, 54.4287, 75.0101

Complementary

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



60.1022, 54.4287, 70.2889



56.3402, 68.2794, 61.8426

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.



43.5066, 54.4287, 61.6758



60.1022, 54.4287, 70.2889



46.8244, 54.4287, 41.1137

Square

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



60.1022, 54.4287, 70.2889



55.4515, 54.4287, 39.2765



44.1789, 54.4287, 49.4561



48.1843, 54.4287, 85.0890

Rectangle

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



60.1022, 54.4287, 70.2889



60.0376, 54.4287, 49.1383



44.1789, 54.4287, 49.4561



44.2316, 54.4287, 70.6922

Sweetspot

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



60.1038, 54.4311, 70.2901



89.6424, 90.3359, 103.5488



52.8258, 50.4808, 78.9119



19.0663, 19.1204, 22.0418



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.



60.1038, 54.4311, 70.2901



76.4432, 67.0516, 89.5483



57.5567, 53.4122, 56.8770



14.1134, 13.8630, 16.3675



21.5288, 10.6785, 19.9821



1.5309, 0.7556, 1.5887

Inverse Universe

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



60.1038, 54.4311, 70.2901



76.4432, 67.0516, 89.5483



58.9447, 69.3212, 75.5575



14.1134, 13.8630, 16.3675



21.5288, 10.6785, 19.9821



1.5309, 0.7556, 1.5887

Previews

White Background



This preview shows how the XYZ color 60.1022, 54.4287, 70.2889 looks on a white background.

Color Contrast Check

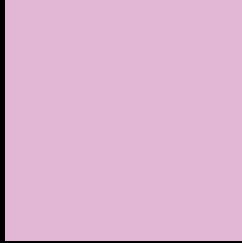
Large Text (above 18pt) WCAG AA × Fail

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 60.1022, 54.4287, 70.2889 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 60.1022, 54.4287, 70.2889

Background



This preview shows how black text looks on a background with the XYZ color 60.1022, 54.4287, 70.2889.



This preview shows how white text looks on a background with the XYZ color 60.1022, 54.4287,

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

60.1022, 54.4287, 70.2889

Protanopia

53.6959, 54.8272, 75.4628

Deuteranopia

55.7507, 54.7022, 69.9076



Tritanopia

58.1898, 54.2518, 61.4375

Trichromacy



Original Color

60.1022, 54.4287, 70.2889

Protanomaly

55.8397, 54.6740, 73.2557

Deuteranomaly

57.0946, 54.4402, 69.7862

Tritanomaly

58.8839, 54.2342, 64.4915

Monochromacy



Original Color

60.1022, 54.4287, 70.2889

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.2635, 56.0549, 64.9810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1022, 54.4287, 70.2889 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(226, 182, 213)` looks like.

```
.text, #text, p{  
    color:rgb(226, 182, 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(226, 182, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 182, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.1022, 54.4287, 70.2889 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(226, 182, 213) }
```


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

```
.border{ border-color:rgb(226, 182, 213) }
```

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

Here you see how a box with a 4 pixel rgb(226, 182, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 182, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 182, 213);  
box-shadow:4px 4px 4px 4px rgb(226, 182,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1022, 54.4287, 70.2889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 182, 213) }
```

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

```
.background{ background-color: rgb(226,  
182, 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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