

Converting Colors

XYZ(60.3051, 54.7985, 76.5027)

Have a look what the booklet for
XYZ(60.3051, 54.7985, 76.5027)
contains.

XYZ(60.2425, 54.6705, 76.4846)	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(60.2425, 54.6705,
76.4846)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB7DE
RGB	222, 183, 222
RGB Percent	87%, 72%, 87%
CMY	0.1294, 0.2823, 0.1294
CMYK	0.00, 0.18, 0.00, 0.13
HSL	300°, 37%, 79%
HSV	300°, 18%, 87%
XYZ	60.2425, 54.6705, 76.4846
YIQ	199.1070, 10.7250, 20.3970

Conversions

Conversions Part 2

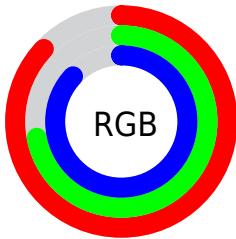
Format	Color
R_{YB}	222, 183, 222
Decimal	14596062
CIE _{Lab}	78.85, 20.65, -14.25
CIE _{LCh}	79, 25.094, 325.395
Yxy	54.6705, 0.3148, 0.2856
Android (android.graphics.Color)	4292786142 (0xFFDEB7DE)
YUV	199.1070, 11.2862, 20.0772
Hunter-Lab	73.9395, 16.0394, -9.5732

Details

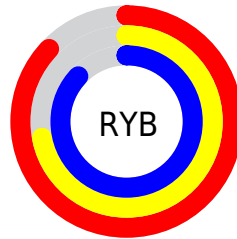
The XYZ color **60.2425, 54.6705, 76.4846** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.1991, 65.7303, 54.6333**, and the grayscale version is **54.2815, 57.1083, 62.1910**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **30.8940, 26.9708, 40.1368** is the 20% darker color. If you saturate the color by 10%, you get **56.0204, 46.2254, 75.0778**, and if you desaturate by 10%, it is **65.1901, 64.5647, 78.1345**.

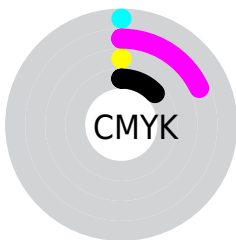
Distribution



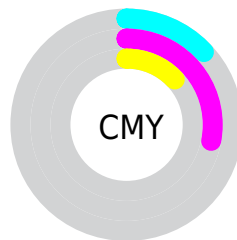
- Red (87%)
- Green (72%)
- Blue (87%)



- Red (87%)
- Yellow (72%)
- Blue (87%)



- Cyan (0%)
- Magenta (18%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2425, 54.6705, 76.4846 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 60.2425, 54.6705, 76.4846 by changing the saturation by 10% instead.

60.2425, 54.6705,
76.4846

60.2425, 54.6705,
76.4846

415.3115,
404.6617, 502.3959

43.8643, 39.1380,
56.3209

104.2857, 97.0580,
130.1780

30.7613, 26.8671,
40.0546

132.6815,
124.6818, 164.5449

20.5681, 17.4734,
27.2670

165.8138,
157.1048, 204.4832

12.9193, 10.5726,
17.5396

204.0480,
194.7114, 250.4116

7.4496, 5.7802,
10.4540

247.7496,
237.8860, 302.7485

3.7937, 2.7119,
5.5915

297.2838,

1.5861, 0.9832,

287.0130, 361.9125

2.5336

353.0159,
342.4767, 428.3221

■ 0.3833, 0.0000,
0.8579

■ 0.0000, 0.0000,
0.0000

■ 60.2425, 54.6705,
76.4846

■ 60.2425, 54.6705,
76.4846

■ 56.0204, 46.2254,
75.0778

■ 65.1901, 64.5647,
78.1345

■ 52.4851, 39.1548,
73.8992

■ 70.8897, 75.9640,
80.0345

■ 49.6017, 33.3881,
72.9380

■ 77.3728, 88.9301,
82.1956

■ 47.3304, 28.8456,
72.1808

■ 79.0697, 92.3238,
82.7613

45.6272, 25.4391,
71.6130

79.0697, 92.3238,
82.7614

44.4417, 23.0683,
71.2178

79.0697, 92.3239,
82.7615

43.7154, 21.6156,
70.9755

79.0697, 92.3239,
82.7616

43.3681, 20.9211,
70.8597

79.0698, 92.3239,
82.7617

43.3095, 20.8037,
70.8401

79.0698, 92.3239,
82.7618

Harmonies

Analogous

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



56.1749, 54.6705, 87.8712



60.2425, 54.6705, 76.4846



62.0952, 54.6705, 61.7542

Triad

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



60.2425, 54.6705, 76.4846



52.7347, 54.6705, 36.1779



43.7896, 54.6705, 72.0686

Complementary

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



60.2425, 54.6705, 76.4846



54.1991, 65.7303, 54.6333

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.



42.9971, 54.6705, 57.3537



60.2425, 54.6705, 76.4846



47.9665, 54.6705, 38.0454

Square

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



60.2425, 54.6705, 76.4846



57.5881, 54.6705, 39.7013



44.4785, 54.6705, 45.2815



46.7160, 54.6705, 85.0495

Rectangle

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



60.2425, 54.6705, 76.4846



61.7440, 54.6705, 52.5448



44.4785, 54.6705, 45.2815



43.2731, 54.6705, 67.1016

Sweetspot

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



60.2441, 54.6729, 76.4858



91.1166, 92.1332, 107.5888



49.6492, 49.2110, 75.9901



19.3889, 19.4928, 22.9905



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.



60.2441, 54.6729, 76.4858



80.2816, 70.4634, 103.9769



57.7795, 53.6870, 63.5074



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0771



1.7831, 0.8565, 2.9166

Inverse Universe

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



60.2441, 54.6729, 76.4858



80.2816, 70.4634, 103.9769



56.3717, 66.5994, 66.0739



14.2951, 13.9357, 17.3241



25.7246, 12.3568, 42.0771



1.7831, 0.8565, 2.9166

Previews

White Background



This preview shows how the XYZ color 60.2425, 54.6705, 76.4846 looks on a white background.

Color Contrast Check

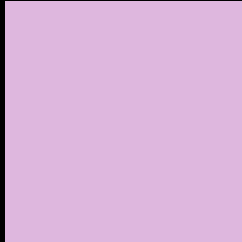
Large Text (above 18pt) WCAG AA × Fail

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 60.2425, 54.6705, 76.4846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

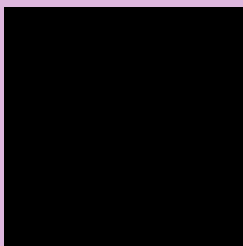
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2425, 54.6705, 76.4846

Background



This preview shows how black text looks on a background with the XYZ color 60.2425, 54.6705, 76.4846.



This preview shows how white text looks on a background with the XYZ color 60.2425, 54.6705,

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

60.2425, 54.6705, 76.4846

Protanopia

54.4209, 55.0595, 81.8880

Deuteranopia

56.0932, 54.7439, 76.0168



Tritanopia

57.5264, 54.8178, 62.8073

Trichromacy



Original Color

60.2425, 54.6705, 76.4846

Protanomaly

56.2283, 54.7354, 79.5529

Deuteranomaly

57.3998, 54.4627, 75.8937

Tritanomaly

58.5827, 54.9369, 67.8378

Monochromacy



Original Color

60.2425, 54.6705, 76.4846

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.0646, 55.9103, 66.8683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2425, 54.6705, 76.4846 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(222, 183, 222)` looks like.

```
.text, #text, p{  
    color:rgb(222, 183, 222)  
}
```

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(222, 183, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 183, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.2425, 54.6705, 76.4846 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(222, 183, 222) }
```


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

```
.border{ border-color:rgb(222, 183, 222) }
```

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

Here you see how a box with a 4 pixel rgb(222, 183, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 183, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 183, 222);  
box-shadow:4px 4px 4px 4px rgb(222, 183,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2425, 54.6705, 76.4846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 183, 222) }
```

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

```
.background{ background-color: rgb(222,  
183, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor