

Converting Colors

XYZ(60.9630, 54.6927, 76.1524)

Have a look what the booklet for
XYZ(60.9630, 54.6927, 76.1524)
contains.

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Color

**XYZ(60.9641, 54.7374,
76.4595)**

Conversions

Conversions Part 1

Format	Color
Hex	E1B6DE
RGB	225, 182, 222
RGB Percent	88%, 71%, 87%
CMY	0.1176, 0.2863, 0.1294
CMYK	0.00, 0.19, 0.01, 0.12
HSL	304°, 42%, 80%
HSV	304°, 19%, 88%
XYZ	60.9641, 54.7374, 76.4595
YIQ	199.4170, 12.7880, 21.5560

Conversions

Conversions Part 2

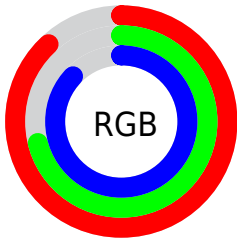
Format	Color
RYB	225, 182, 222
Decimal	14792414
CIELab	78.89, 22.20, -14.17
CIELCh	79, 26.330, 327.454
Yxy	54.7374, 0.3173, 0.2849
Android (android.graphics.Color)	4292982494 (0xFFE1B6DE)
YUV	199.4170, 11.1334, 22.4363
Hunter-Lab	73.9847, 17.6124, -9.4839

Details

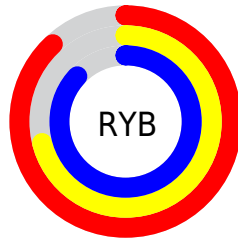
The XYZ color **60.9641, 54.7374, 76.4595** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **54.9757, 67.2999, 55.9945**, and the grayscale version is **54.4713, 57.3080, 62.4084**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.1875, 26.9256, 40.1126** is the 20% darker color. If you saturate the color by 10%, you get **56.5124, 46.1683, 73.9428**, and if you desaturate by 10%, it is **66.1614, 64.7927, 79.2356**.

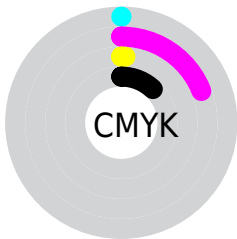
Distribution



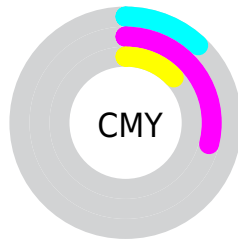
- Red (88%)
- Green (71%)
- Blue (87%)



- Red (88%)
- Yellow (71%)
- Blue (87%)



- Cyan (0%)
- Magenta (19%)
- Yellow (1%)
- Black (12%)





- Cyan (12%)
- Magenta (29%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9641, 54.7374, 76.4595 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 60.9641, 54.7374, 76.4595 by changing the saturation by 10% instead.


 60.9641, 54.7374,
76.4595

 60.9641, 54.7374,
76.4595


417.9204,
404.9157, 502.3078

 44.4486, 39.1915,
56.3005


 105.3254, 97.1561,
130.1423

 31.2228, 26.9087,
40.0383


133.9019,
124.7977, 164.5031

 20.9212, 17.5047,
27.2544


167.2294,
157.2400, 204.4349

 13.1785, 10.5950,
17.5302

205.6734,
194.8674, 250.3562

 7.6295, 5.7952,
10.4473

249.5991,
238.0643, 302.6856

 3.9086, 2.7209,
5.5871

299.3719,

 1.6505, 0.9878,

287.2150, 361.8417

2.5310

355.3572,
342.7040, 428.2429

■ 0.4250, 0.0000,
0.8565

■ 0.0000, 0.0000,
0.0000

■ 60.9641, 54.7374,
76.4595

■ 60.9641, 54.7374,
76.4595

■ 56.5124, 46.1683,
73.9428

■ 66.1614, 64.7927,
79.2356

■ 52.7660, 39.0077,
71.6702

■ 72.1322, 76.3929,
82.2787

■ 49.6885, 33.1815,
69.6302

■ 78.9092, 89.6022,
85.6002

■ 47.2380, 28.6063,
67.8088

■ 80.8544, 93.1448,
87.3209

45.3680, 25.1891,
66.1905

81.0738, 93.2326,
88.4760

44.0256, 22.8240,
64.7576

81.2951, 93.3211,
89.6416

43.1482, 21.3857,
63.4891

81.5185, 93.4104,
90.8177

42.6369, 20.6766,
62.3522

81.7438, 93.5006,
92.0043

42.5977, 20.6262,
62.2536

81.9711, 93.5915,
93.2014

Harmonies

Analogous

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



56.7975, 54.7374, 88.9555



60.9641, 54.7374, 76.4595



62.7235, 54.7374, 60.8870

Triad

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



60.9641, 54.7374, 76.4595



52.4738, 54.7374, 35.2264



43.6097, 54.7374, 73.8754

Complementary

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



60.9641, 54.7374, 76.4595



54.9757, 67.2999, 55.9945

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.



42.6201, 54.7374, 58.3307



60.9641, 54.7374, 76.4595



47.5300, 54.7374, 37.5377

Square

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



60.9641, 54.7374, 76.4595



57.6211, 54.7374, 38.4846



44.0077, 54.7374, 45.4206



46.8059, 54.7374, 87.2966

Rectangle

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



60.9641, 54.7374, 76.4595



62.2121, 54.7374, 51.3785



44.0077, 54.7374, 45.4206



43.0177, 54.7374, 68.6543

Sweetspot

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



60.9657, 54.7398, 76.4607



90.1904, 90.5551, 106.4345



50.2964, 49.1927, 78.0793



19.1962, 19.1723, 22.7256



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.



60.9657, 54.7398, 76.4607



78.4570, 67.8571, 100.1530



58.2807, 53.6658, 62.3214



14.2516, 13.9183, 17.0950



24.5645, 11.8928, 35.9681



1.7152, 0.8294, 2.5593

Inverse Universe

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



60.9657, 54.7398, 76.4607



78.4570, 67.8571, 100.1530



57.4038, 68.2711, 68.7804



14.2516, 13.9183, 17.0950



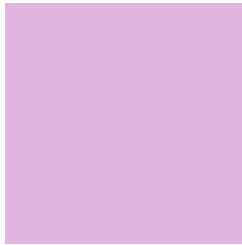
24.5645, 11.8928, 35.9681



1.7152, 0.8294, 2.5593

Previews

White Background



This preview shows how the XYZ color 60.9641, 54.7374, 76.4595 looks on a white background.

Color Contrast Check

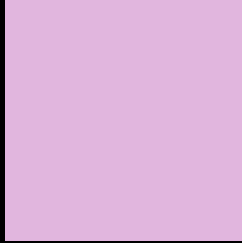
Large Text (above 18pt) WCAG AA × Fail

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 60.9641, 54.7374, 76.4595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

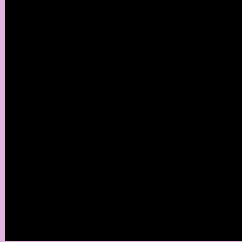
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.9641, 54.7374, 76.4595

Background



This preview shows how black text looks on a background with the XYZ color 60.9641, 54.7374, 76.4595.



This preview shows how white text looks on a background with the XYZ color 60.9641, 54.7374,

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

60.9641, 54.7374, 76.4595

Protanopia

54.5610, 55.1156, 82.6256

Deuteranopia

55.9603, 54.6907, 75.3171



Tritanopia

58.1084, 54.8175, 62.1618

Trichromacy



Original Color

60.9641, 54.7374, 76.4595

Protanomaly

56.6357, 54.9295, 80.2905

Deuteranomaly

57.6854, 54.6100, 75.9070

Tritanomaly

59.1656, 54.9400, 67.1606

Monochromacy



Original Color

60.9641, 54.7374, 76.4595

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.3449, 56.0548, 66.8815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9641, 54.7374, 76.4595 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, 182, 222)` looks like.

```
.text, #text, p{  
    color:rgb(225, 182, 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(225, 182, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 182, 222) }
```

Border

The CSS property to change the border of an element to XYZ 60.9641, 54.7374, 76.4595 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, 182, 222) }
```


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

```
.border{ border-color:rgb(225, 182, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 182, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 182, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 182, 222); box-shadow:4px 4px 4px 4px rgb(225, 182, 222) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9641, 54.7374, 76.4595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 182, 222) }
```

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

```
.background{ background-color: rgb(225,  
182, 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](#).

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