

Converting Colors

XYZ(61.0397, 54.4871, 89.3601)

Have a look what the booklet for
XYZ(61.0397, 54.4871, 89.3601)
contains.

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Color

**XYZ(61.0714, 54.4989,
89.7386)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B6F0
RGB	217, 182, 240
RGB Percent	85%, 71%, 94%
CMY	0.1490, 0.2863, 0.0588
CMYK	0.10, 0.24, 0.00, 0.06
HSL	276°, 66%, 83%
HSV	276°, 24%, 94%
XYZ	61.0714, 54.4989, 89.7386
YIQ	199.0770, 2.2420, 25.4580

Conversions

Conversions Part 2

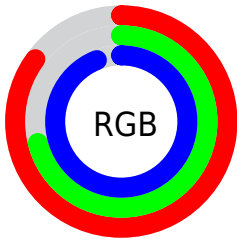
Format	Color
R _Y B	217, 182, 240
Decimal	14268144
CIE Lab	78.75, 23.04, -24.15
CIE LCh	79, 33.380, 313.657
Yxy	54.4989, 0.2975, 0.2654
Android (android.graphics.Color)	4292458224 (0xFFD9B6F0)
YUV	199.0770, 20.1750, 15.7185
Hunter-Lab	73.8234, 18.4757, -20.3957

Details

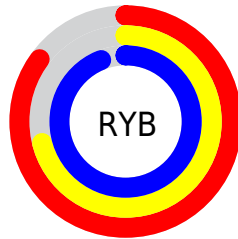
The XYZ color **61.0714, 54.4989, 89.7386** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.7823, 78.6781, 56.0306**, and the grayscale version is **54.2142, 57.0376, 62.1139**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **31.4023, 26.8426, 48.8735** is the 20% darker color. If you saturate the color by 10%, you get **53.8237, 44.0819, 88.1108**, and if you desaturate by 10%, it is **69.3280, 66.6892, 91.6572**.

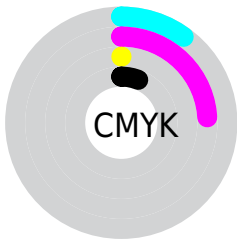
Distribution



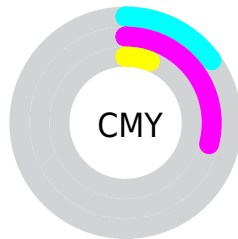
- Red (85%)
- Green (71%)
- Blue (94%)



- Red (85%)
- Yellow (71%)
- Blue (94%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (6%)



- Cyan (15%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0714, 54.4989, 89.7386 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 61.0714, 54.4989, 89.7386 by changing the saturation by 10% instead.

61.0714, 54.4989,
89.7386

61.0714, 54.4989,
89.7386

418.3075,
404.0096, 547.7283

44.5355, 39.0007,
67.1914

105.4798, 96.8064,
148.9076

31.2915, 26.7602,
48.7776

134.0831,
124.3844, 186.3664

20.9738, 17.3932,
34.0787

167.4396,
156.7578, 229.6329

13.2172, 10.5153,
22.6762

205.9147,
194.3110, 279.1255

7.6563, 5.7419,
14.1516

249.8736,
237.4284, 335.2628

3.9258, 2.6888,
8.0862

299.6818,

1.6602, 0.9715,

286.4944, 398.4633

4.0616

355.7047,
341.8933, 469.1457

■ 0.4312, 0.0000,
1.6592

■ 0.0000, 0.0000,
0.3325

■ 61.0714, 54.4989,
89.7386

■ 61.0714, 54.4989,
89.7386

■ 53.8237, 44.0819,
88.1108

■ 69.3280, 66.6892,
91.6572

■ 47.5341, 35.3441,
86.7557

■ 78.6309, 80.7269,
93.8765

■ 42.1547, 28.1927,
85.6589

■ 89.0217, 96.6906,
96.4101

■ 37.6311, 22.5232,
84.8029

■ 92.7283, 99.0713,
96.6743

■ 33.9024, 18.2180,
84.1685

■ 30.8982, 15.1408,
83.7329

■ 28.5330, 13.1256,
83.4686

■ 27.3747, 12.2953,
83.3693

Harmonies

Analogous

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



54.8565, 54.4989, 102.1685



61.0714, 54.4989, 89.7386



64.9681, 54.4989, 70.1754

Triad

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



61.0714, 54.4989, 89.7386



55.4564, 54.4989, 30.8320



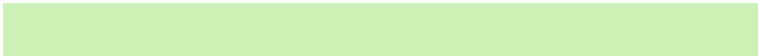
40.4120, 54.4989, 68.3490

Complementary

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



61.0714, 54.4989, 89.7386



64.7823, 78.6781, 56.0306

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.



40.5428, 54.4989, 49.6817



61.0714, 54.4989, 89.7386



48.8584, 54.4989, 30.5475

Square

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



61.0714, 54.4989, 89.7386



61.5426, 54.4989, 37.6050



43.5171, 54.4989, 36.7222



43.1432, 54.4989, 88.1589

Rectangle

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



61.0714, 54.4989, 89.7386



65.5365, 54.4989, 57.0504



43.5171, 54.4989, 36.7222



40.1303, 54.4989, 61.6902

Sweetspot

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



61.0731, 54.5012, 89.7398



87.0612, 87.8174, 106.9696



56.9009, 59.9970, 91.0205



18.4934, 18.5826, 22.8620



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.



61.0731, 54.5012, 89.7398



65.8460, 56.4042, 102.0244



67.5447, 57.9354, 85.6164



15.8124, 15.7005, 19.9187



15.1392, 6.8099, 45.6444



1.3711, 0.6241, 3.8024

Inverse Universe

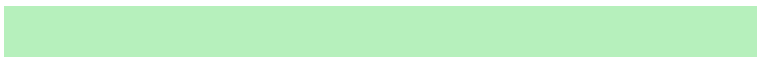
The Inverse Universe completely reimagines the original color for something new.



63.6844, 56.3913, 65.2881



69.4538, 59.0000, 68.9460



59.5090, 75.8889, 58.9780



16.0324, 15.8627, 17.7270



20.8677, 10.6195, 7.2200



1.7837, 0.9025, 0.8518

Previews

White Background



This preview shows how the XYZ color 61.0714, 54.4989, 89.7386 looks on a white background.

Color Contrast Check

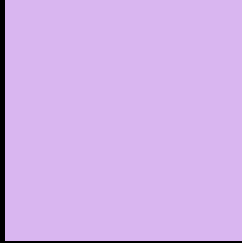
Large Text (above 18pt) WCAG AA × Fail

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 61.0714, 54.4989, 89.7386 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 61.0714, 54.4989, 89.7386

Background



This preview shows how black text looks on a background with the XYZ color 61.0714, 54.4989, 89.7386.



This preview shows how white text looks on a background with the XYZ color 61.0714, 54.4989,

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

61.0714, 54.4989, 89.7386

Protanopia

55.0693, 54.7410, 96.4705

Deuteranopia

55.8016, 54.6411, 88.4946



Tritanopia

55.9606, 54.6037, 64.7169

Trichromacy



Original Color

61.0714, 54.4989, 89.7386

Protanomaly

56.9272, 54.4571, 93.8971

Deuteranomaly

57.6506, 54.6159, 89.1648

Tritanomaly

57.5239, 54.2737, 73.0897

Monochromacy



Original Color

61.0714, 54.4989, 89.7386

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

56.6612, 56.1168, 71.4636

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0714, 54.4989, 89.7386 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(217, 182, 240)` looks like.

```
.text, #text, p{  
    color:rgb(217, 182, 240)  
}
```

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(217, 182, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 182, 240) }
```

Border

The CSS property to change the border of an element to XYZ 61.0714, 54.4989, 89.7386 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(217, 182, 240) }
```


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

```
.border{ border-color:rgb(217, 182, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 182, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 182, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 182, 240);  
box-shadow:4px 4px 4px 4px rgb(217, 182,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0714, 54.4989, 89.7386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 182, 240) }
```

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

```
.background{ background-color: rgb(217,  
182, 240) }
```

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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