

Converting Colors

XYZ(65.3876, 58.5431,
102.4614)

Have a look what the booklet for
XYZ(65.3876, 58.5431, 102.4614)
contains.

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Color

**XYZ(65.4610, 58.6753,
102.4830)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBDFF
RGB	219, 189, 255
RGB Percent	86%, 74%, 100%
CMY	0.1412, 0.2588, 0.0000
CMYK	0.14, 0.26, 0.00, 0.00
HSL	267°, 100%, 87%
HSV	267°, 26%, 100%
XYZ	65.4610, 58.6753, 102.4830
YIQ	205.4940, -3.3060, 26.8860

Conversions

Conversions Part 2

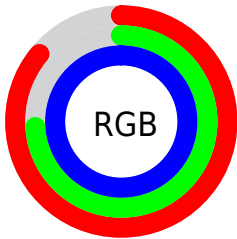
Format	Color
R _Y B	219, 189, 255
Decimal	14401023
CIE Lab	81.11, 22.97, -28.57
CIE LCh	81, 36.653, 308.797
Yxy	58.6753, 0.2889, 0.2589
Android (android.graphics.Color)	4292591103 (0xFFDBBDF5)
YUV	205.4940, 24.4065, 11.8448
Hunter-Lab	76.5998, 18.4937, -25.7043

Details

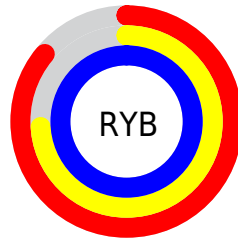
The XYZ color **65.4610, 58.6753, 102.4830** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.9980, 91.2023, 61.7451**, and the grayscale version is **58.1953, 61.2260, 66.6751**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **34.1015, 29.4721, 57.3174** is the 20% darker color. If you saturate the color by 10%, you get **56.4395, 46.5864, 100.6251**, and if you desaturate by 10%, it is **75.7999, 72.8778, 104.6795**.

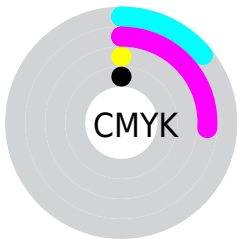
Distribution



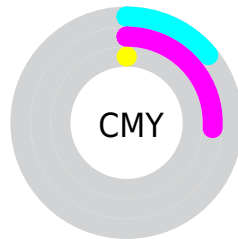
- Red (86%)
- Green (74%)
- Blue (100%)



- Red (86%)
- Yellow (74%)
- Blue (100%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.4610, 58.6753, 102.4830 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 65.4610, 58.6753, 102.4830 by changing the saturation by 10% instead.

65.4610, 58.6753,
102.4830

65.4610, 58.6753,
102.4830

433.9658,
419.6976, 589.4389

48.1011, 42.3518,
77.7474

111.7744,
102.9056, 166.6468

34.1185, 29.3769,
57.3513

141.4586,
131.5812, 206.9120

23.1480, 19.3661,
40.8761

175.9816,
165.1429, 253.1909

14.8241, 11.9351,
27.9033

215.7087,
203.9752, 305.9020

8.7815, 6.6995,
18.0144

261.0053,
248.4624, 365.4638

4.6549, 3.2749,
10.7908

312.2368,

2.0789, 1.2769,

298.9889, 432.2949

5.8139

369.7685,
355.9392, 506.8137

■ 0.6777, 0.1232,
2.6653

■ 0.0000, 0.0000,
0.9259

■ 65.4610, 58.6753,
102.4830

■ 65.4610, 58.6753,
102.4830

■ 56.4395, 46.5864,
100.6251

■ 75.7999, 72.8778,
104.6795

■ 48.6713, 36.4985,
99.0874

■ 87.5061, 89.2846,
107.2293

■ 42.0941, 28.2994,
97.8515

95.0500, 100.0000,
108.9000

■ 36.6378, 21.8623,
96.8966

■ 32.2236, 17.0442,
96.1992

■ 28.7609, 13.6784,
95.7321

■ 26.1389, 11.5593,
95.4612

■ 25.2402, 10.9267,
95.3865

Harmonies

Analogous

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



58.0397, 58.6753, 114.9666



65.4610, 58.6753, 102.4830



70.5726, 58.6753, 80.2950

Triad

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



65.4610, 58.6753, 102.4830



61.2372, 58.6753, 32.2115



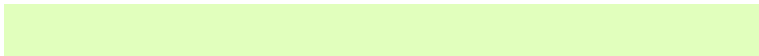
42.5082, 58.6753, 70.5212

Complementary

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



65.4610, 58.6753, 102.4830



75.9980, 91.2023, 61.7451

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.



43.1956, 58.6753, 49.8827



65.4610, 58.6753, 102.4830



53.5585, 58.6753, 30.7477

Square

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



65.4610, 58.6753, 102.4830



67.9837, 58.6753, 41.0400



47.0844, 58.6753, 36.4495



45.1129, 58.6753, 93.9461

Rectangle

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



65.4610, 58.6753, 102.4830



71.7354, 58.6753, 64.7724



47.0844, 58.6753, 36.4495



42.3672, 58.6753, 63.0106

Sweetspot

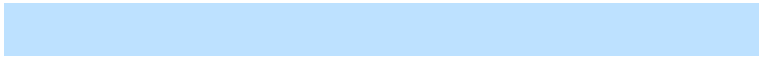
The Sweet Spot groups the original color and five complimentary colors.



65.4627, 58.6777, 102.4834



84.9080, 85.6182, 106.6586



66.0444, 72.0534, 105.0345



17.7873, 17.7821, 22.7447



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.



65.4627, 58.6777, 102.4834



60.6827, 52.2305, 101.4909



76.2850, 64.2568, 102.9899



17.7873, 17.7821, 22.7447



13.3555, 5.7955, 49.8493



1.4244, 0.6282, 4.8595

Inverse Universe

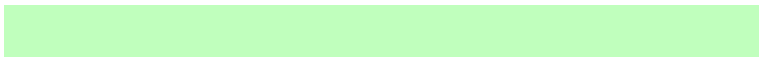
The Inverse Universe completely reimagines the original color for something new.



73.0296, 63.0936, 79.5652



69.5508, 57.4092, 74.4805



66.7613, 86.4406, 61.3128



18.4239, 18.1529, 20.8493



24.0637, 12.1148, 14.2520



2.3981, 1.2016, 1.6780

Previews

White Background



This preview shows how the XYZ color 65.4610, 58.6753, 102.4830 looks on a white background.

Color Contrast Check

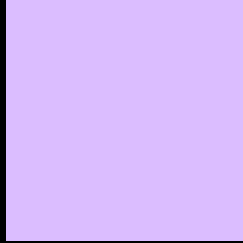
Large Text (above 18pt) WCAG AA × Fail

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 65.4610, 58.6753, 102.4830 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 65.4610, 58.6753, 102.4830

Background



This preview shows how black text looks on a background with the XYZ color 65.4610, 58.6753, 102.4830.

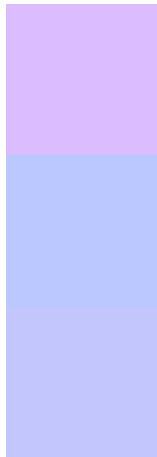


This preview shows how white text looks on a background with the XYZ color 65.4610, 58.6753,

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

65.4610, 58.6753, 102.4830

Protanopia

59.1978, 59.0933, 102.8938

Deuteranopia

60.1718, 58.9493, 101.1355



Tritanopia

59.0013, 58.6830, 70.5046

Trichromacy



Original Color

65.4610, 58.6753, 102.4830

Protanomaly

61.3431, 58.8420, 102.7322

Deuteranomaly

62.0331, 58.8825, 101.8619

Tritanomaly

61.3197, 58.6321, 81.4840

Monochromacy



Original Color

65.4610, 58.6753, 102.4830

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.3210, 59.8762, 78.1900

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4610, 58.6753, 102.4830 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(219, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 255)  
}
```

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(219, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.4610, 58.6753, 102.4830 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(219, 189, 255) }
```


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

```
.border{ border-color:rgb(219, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4610, 58.6753, 102.4830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 255) }
```

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

```
.background{ background-color: rgb(219,  
189, 255) }
```

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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