

Converting Colors

XYZ(65.7490, 58.9798, 95.5983)

Have a look what the booklet for
XYZ(65.7490, 58.9798, 95.5983)
contains.

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Color

**XYZ(65.7266, 58.9579,
95.9115)**

Conversions

Conversions Part 1

Format	Color
Hex	E0BDF7
RGB	224, 189, 247
RGB Percent	88%, 74%, 97%
CMY	0.1216, 0.2588, 0.0314
CMYK	0.09, 0.23, 0.00, 0.03
HSL	276°, 78%, 85%
HSV	276°, 23%, 97%
XYZ	65.7266, 58.9579, 95.9115
YIQ	206.0770, 2.2420, 25.4580

Conversions

Conversions Part 2

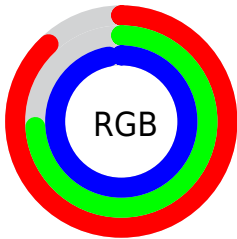
Format	Color
R _{YB}	224, 189, 247
Decimal	14728695
CIE Lab	81.27, 22.89, -24.02
CIE LCh	81, 33.177, 313.626
Yxy	58.9579, 0.2980, 0.2673
Android (android.graphics.Color)	4292918775 (0xFFE0BDF7)
YUV	206.0770, 20.1750, 15.7185
Hunter-Lab	76.7840, 18.4226, -20.3107

Details

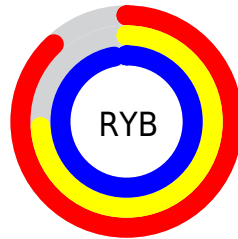
The XYZ color **65.7266, 58.9579, 95.9115** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.5994, 84.1941, 60.7297**, and the grayscale version is **58.5911, 61.6423, 67.1285**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **34.2164, 29.4144, 53.1644** is the 20% darker color. If you saturate the color by 10%, you get **57.9108, 47.7029, 94.1519**, and if you desaturate by 10%, it is **74.6258, 72.1175, 97.9834**.

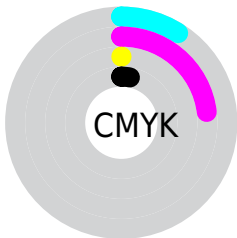
Distribution



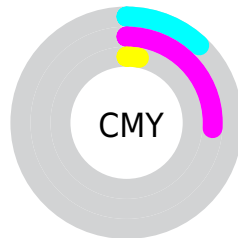
- Red (88%)
- Green (74%)
- Blue (97%)



- Red (88%)
- Yellow (74%)
- Blue (97%)



- Cyan (9%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)





- Cyan (12%)
- Magenta (26%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7266, 58.9579, 95.9115 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 65.7266, 58.9579, 95.9115 by changing the saturation by 10% instead.

 65.7266, 58.9579,
95.9115

 65.7266, 58.9579,
95.9115


434.9025,
420.7459, 568.1377

 48.3174, 42.5792,
72.2928


 112.1537,
103.3165, 157.5297

 34.2906, 29.5551,
52.9096


141.9024,
132.0652, 196.3662

 23.2809, 19.5012,
37.3434

176.4949,
165.7060, 241.1124

 14.9229, 12.0330,
25.1756

216.2966,
204.6233, 292.1869

 8.8512, 6.7661,
15.9877

261.6728,
249.2016, 350.0081

 4.7006, 3.3163,
9.3612

312.9890,

 2.1056, 1.2990,

299.8252, 414.9946

4.8775

370.6105,
356.8785, 487.5649

■ 0.6923, 0.1404,
2.1181

■ 0.0000, 0.0000,
0.6265

■ 65.7266, 58.9579,
95.9115

■ 65.7266, 58.9579,
95.9115

■ 57.9108, 47.7029,
94.1519

■ 74.6258, 72.1175,
97.9834

■ 51.1240, 38.2520,
92.6854

■ 84.6482, 87.2609,
100.3782

■ 45.3154, 30.5063,
91.4965

■ 93.1978, 99.1909,
102.2303

■ 40.4268, 24.3545,
90.5667

■ 93.7887, 99.4955,
102.2579

■ 36.3933, 19.6713,
89.8754

■ 33.1402, 16.3121,
89.3984

■ 30.5771, 14.1010,
89.1067

■ 29.1923, 13.1098,
88.9884

Harmonies

Analogous

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



59.2306, 58.9579, 108.7975



65.7266, 58.9579, 95.9115



69.7951, 58.9579, 75.5455

Triad

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



65.7266, 58.9579, 95.9115



59.8722, 58.9579, 34.1401



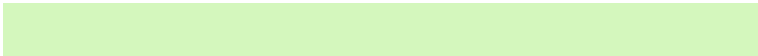
44.0777, 58.9579, 73.5958

Complementary

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



65.7266, 58.9579, 95.9115



69.5994, 84.1941, 60.7297

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.



44.2185, 58.9579, 54.0427



65.7266, 58.9579, 95.9115



52.9617, 58.9579, 33.8307

Square

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



65.7266, 58.9579, 95.9115



66.2295, 58.9579, 41.3330



47.3511, 58.9579, 40.3774



46.9491, 58.9579, 94.2333

Rectangle

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



65.7266, 58.9579, 95.9115



70.3905, 58.9579, 61.8154



47.3511, 58.9579, 40.3774



43.7820, 58.9579, 66.6352

Sweetspot

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



65.7285, 58.9604, 95.9128



87.0612, 87.8174, 106.9696



61.3705, 64.7236, 97.2549



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.



65.7285, 58.9604, 95.9128



66.6870, 57.6149, 102.2137



72.4641, 62.5346, 91.6281



16.5406, 16.4213, 20.8404



15.6031, 7.0180, 47.0703



1.4869, 0.6764, 4.1424

Inverse Universe

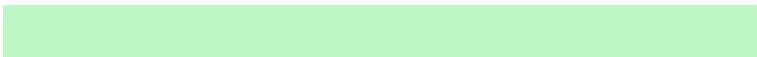
The Inverse Universe completely reimagines the original color for something new.



68.4409, 60.9253, 70.4424



70.1704, 60.1242, 70.1374



64.0768, 81.2729, 63.8240



16.7713, 16.5914, 18.5424



21.5161, 10.9499, 7.4262



1.9402, 0.9820, 0.9115

Previews

White Background



This preview shows how the XYZ color 65.7266, 58.9579, 95.9115 looks on a white background.

Color Contrast Check

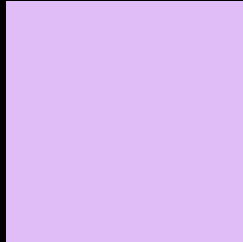
Large Text (above 18pt) WCAG AA × Fail

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 65.7266, 58.9579, 95.9115 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 65.7266, 58.9579, 95.9115

Background



This preview shows how black text looks on a background with the XYZ color 65.7266, 58.9579, 95.9115.



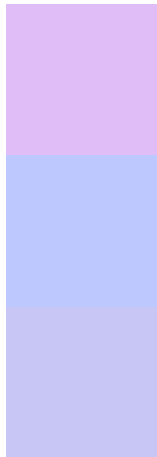
This preview shows how white text looks on a background with the XYZ color 65.7266, 58.9579,

95.9115.

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

65.7266, 58.9579, 95.9115

Protanopia

59.6905, 59.3474, 102.9169

Deuteranopia

60.4949, 59.2601, 94.6361



Tritanopia

60.4112, 59.0884, 69.8492

Trichromacy



Original Color

65.7266, 58.9579, 95.9115

Protanomaly

61.6677, 59.0647, 100.2458

Deuteranomaly

62.4442, 59.2393, 95.3320

Tritanomaly

62.0397, 58.7374, 78.5886

Monochromacy



Original Color

65.7266, 58.9579, 95.9115

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

61.1460, 60.6751, 76.8953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7266, 58.9579, 95.9115 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(224, 189, 247)` looks like.

```
.text, #text, p{  
    color:rgb(224, 189, 247)  
}
```

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(224, 189, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 189, 247) }
```

Border

The CSS property to change the border of an element to XYZ 65.7266, 58.9579, 95.9115 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(224, 189, 247) }
```


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

```
.border{ border-color:rgb(224, 189, 247) }
```

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

Here you see how a box with a 4 pixel rgb(224, 189, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 189, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 189, 247);  
box-shadow:4px 4px 4px 4px rgb(224, 189,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7266, 58.9579, 95.9115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 189, 247) }
```

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

```
.background{ background-color: rgb(224,  
189, 247) }
```

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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