

Converting Colors

XYZ(65.5123, 52.6016, 85.1050)

Have a look what the booklet for
XYZ(65.5123, 52.6016, 85.1050)
contains.

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Color

**XYZ(65.4321, 52.5128,
85.2846)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A7EB
RGB	242, 167, 235
RGB Percent	95%, 65%, 92%
CMY	0.0510, 0.3451, 0.0784
CMYK	0.00, 0.31, 0.03, 0.05
HSL	306°, 74%, 80%
HSV	306°, 31%, 95%
XYZ	65.4321, 52.5128, 85.2846
YIQ	197.1770, 22.8720, 37.0480

Conversions

Conversions Part 2

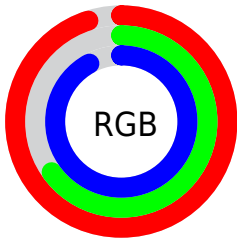
Format	Color
R _Y B	242, 167, 235
Decimal	15902699
CIE Lab	77.59, 38.10, -23.00
CIE LCh	78, 44.506, 328.877
Yxy	52.5128, 0.3220, 0.2584
Android (android.graphics.Color)	4294092779 (0xFFFF2A7EB)
YUV	197.1770, 18.6467, 39.3098
Hunter-Lab	72.4657, 34.3596, -19.0522

Details

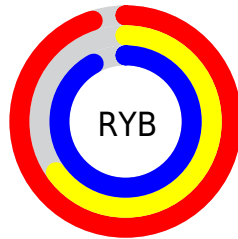
The XYZ color **65.4321, 52.5128, 85.2846** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.3307, 74.7775, 51.5647**, and the grayscale version is **53.0604, 55.8237, 60.7920**.

A 20% lighter version of the original color is **85.6777, 81.2554, 105.7759**, and **34.1616, 25.6036, 45.7893** is the 20% darker color. If you saturate the color by 10%, you get **61.0829, 44.3325, 82.2353**, and if you desaturate by 10%, it is **70.6182, 62.3585, 88.6345**.

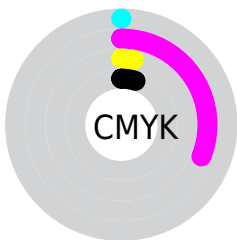
Distribution



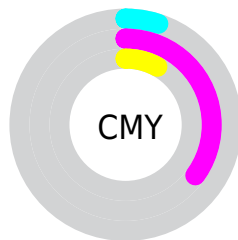
- Red (95%)
- Green (65%)
- Blue (92%)



- Red (95%)
- Yellow (65%)
- Blue (92%)



- Cyan (0%)
- Magenta (31%)
- Yellow (3%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4321, 52.5128, 85.2846 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 65.4321, 52.5128, 85.2846 by changing the saturation by 10% instead.


 65.4321, 52.5128,
85.2846


 65.4321, 52.5128,
85.2846


433.8638,
396.4131, 532.7385

 48.0775, 37.4140,
63.5251

 111.7331, 93.8871,
142.6484

 34.0998, 25.5282,
45.8224


 141.4103,
120.9313, 179.0898

 23.1335, 16.4710,
31.7580

175.9257,
152.7262, 221.2622

 14.8134, 9.8581,
20.9135

215.6447,
189.6560, 269.5842

 8.7740, 5.3049,
12.8701

260.9327,
232.1052, 324.4742

 4.6500, 2.4273,
7.2095

312.1549,

 2.0760, 0.8399,

280.4582, 386.3509

3.5130

369.6769,
335.0994, 455.6328

■ 0.6761, 0.0000,
1.3622

■ 0.0000, 0.0000,
0.1120

■ 65.4321, 52.5128,
85.2846

■ 65.4321, 52.5128,
85.2846

■ 61.0829, 44.3325,
82.2353

■ 70.6182, 62.3585,
88.6345

■ 57.5193, 37.7177,
79.4677

■ 76.6792, 73.9480,
92.2959

■ 54.6920, 32.5690,
76.9658

■ 83.6564, 87.3633,
96.2833

■ 52.5442, 28.7726,
74.7106

■ 88.7133, 96.9314,
99.6514

■ 51.0104, 26.1978,
72.6802

■ 89.0586, 97.0696,
101.4696

■ 50.0125, 24.6882,
70.8486

■ 89.4081, 97.2094,
103.3100

■ 49.4590, 24.0137,
69.3306

■ 89.7618, 97.3508,
105.1728

■ 90.1198, 97.4940,
107.0579

■ 90.4285, 97.6175,
108.6837

Harmonies

Analogous

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



58.3227, 52.5128, 109.4197



65.4321, 52.5128, 85.2846



68.3180, 52.5128, 58.1097

Triad

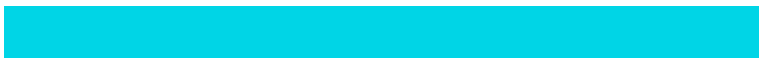
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.4321, 52.5128, 85.2846



50.2363, 52.5128, 21.7195



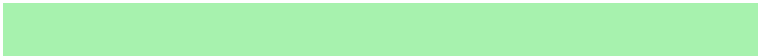
36.7983, 52.5128, 83.2054

Complementary

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



65.4321, 52.5128, 85.2846



55.3307, 74.7775, 51.5647

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.



35.1496, 52.5128, 56.2554



65.4321, 52.5128, 85.2846



42.3511, 52.5128, 24.9484

Square

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



65.4321, 52.5128, 85.2846



58.9470, 52.5128, 25.4855



37.0631, 52.5128, 36.0434



41.8506, 52.5128, 107.9969

Rectangle

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



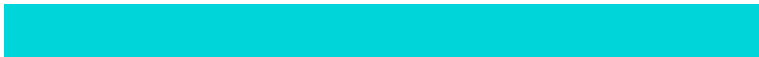
65.4321, 52.5128, 85.2846



67.2323, 52.5128, 43.1952



37.0631, 52.5128, 36.0434



35.8551, 52.5128, 73.8919

Sweetspot

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



65.4337, 52.5151, 85.2857



87.8176, 86.0842, 104.7971



47.1370, 42.9636, 89.8141



18.5635, 17.9783, 22.2950



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.



65.4337, 52.5151, 85.2857



70.5879, 53.2932, 93.9102



60.6606, 50.6059, 60.1504



16.3869, 16.0045, 19.5937



26.5968, 12.9112, 37.3891



2.2310, 1.0814, 3.2073

Inverse Universe

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



65.4337, 52.5151, 85.2857



70.5879, 53.2932, 93.9102



59.4170, 76.4121, 73.0833



16.3869, 16.0045, 19.5937



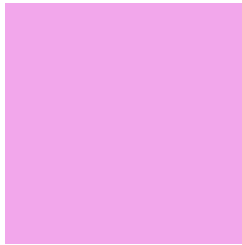
26.5968, 12.9112, 37.3891



2.2310, 1.0814, 3.2073

Previews

White Background



This preview shows how the XYZ color 65.4321, 52.5128, 85.2846 looks on a white background.

Color Contrast Check

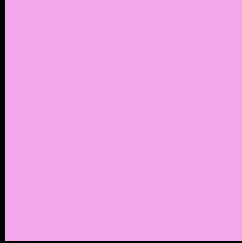
Large Text (above 18pt) WCAG AA × Fail

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 65.4321, 52.5128, 85.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

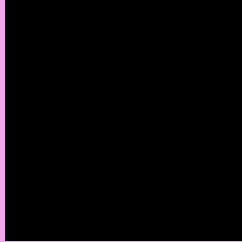
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4321, 52.5128, 85.2846

Background



This preview shows how black text looks on a background with the XYZ color 65.4321, 52.5128, 85.2846.



This preview shows how white text looks on a background with the XYZ color 65.4321, 52.5128,

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

65.4321, 52.5128, 85.2846

Protanopia

53.7305, 53.0221, 98.6692

Deuteranopia

53.8929, 52.8123, 82.9546



Tritanopia

59.3027, 52.5577, 55.1632

Trichromacy



Original Color

65.4321, 52.5128, 85.2846



Protanomaly

57.0288, 52.3278, 93.4807



Deuteranomaly

57.4651, 52.1703, 83.3851



Tritanomaly

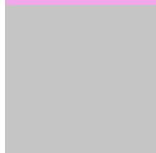
61.3440, 52.5205, 65.2968

Monochromacy



Original Color

65.4321, 52.5128, 85.2846



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.7573, 53.9671, 69.0533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4321, 52.5128, 85.2846 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(242, 167, 235)` looks like.

```
.text, #text, p{  
    color:rgb(242, 167, 235)  
}
```

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(242, 167, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 167, 235) }
```

Border

The CSS property to change the border of an element to XYZ 65.4321, 52.5128, 85.2846 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(242, 167, 235) }
```


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

```
.border{ border-color:rgb(242, 167, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 167, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 167, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 167, 235);  
box-shadow:4px 4px 4px 4px rgb(242, 167,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4321, 52.5128, 85.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 167, 235) }
```

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

```
.background{ background-color: rgb(242,  
167, 235) }
```

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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