

Converting Colors

XYZ(65.1337, 53.1657, 80.9148)

Have a look what the booklet for
XYZ(65.1337, 53.1657, 80.9148)
contains.

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Color

**XYZ(65.1355, 53.2838,
80.9805)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AAE5
RGB	242, 170, 229
RGB Percent	95%, 67%, 90%
CMY	0.0510, 0.3333, 0.1020
CMYK	0.00, 0.30, 0.05, 0.05
HSL	311°, 73%, 81%
HSV	311°, 30%, 95%
XYZ	65.1355, 53.2838, 80.9805
YIQ	198.2540, 23.9730, 33.6130

Conversions

Conversions Part 2

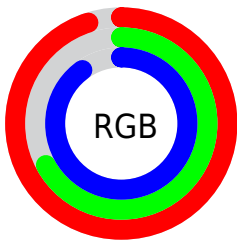
Format	Color
R _Y B	242, 170, 229
Decimal	15903461
CIE Lab	78.04, 35.47, -19.06
CIE LCh	78, 40.266, 331.743
Yxy	53.2838, 0.3267, 0.2672
Android (android.graphics.Color)	4294093541 (0xFFF2AAE5)
YUV	198.2540, 15.1578, 38.3652
Hunter-Lab	72.9958, 31.5364, -14.6785

Details

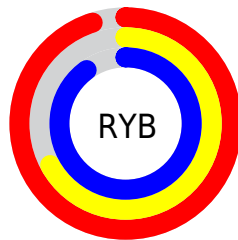
The XYZ color **65.1355, 53.2838, 80.9805** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.8791, 75.4708, 56.3724**, and the grayscale version is **53.7328, 56.5311, 61.5623**.

A 20% lighter version of the original color is **86.4864, 82.8727, 106.0455**, and **33.9117, 26.0540, 42.7767** is the 20% darker color. If you saturate the color by 10%, you get **60.4076, 44.7914, 76.4324**, and if you desaturate by 10%, it is **70.7170, 63.4570, 85.8901**.

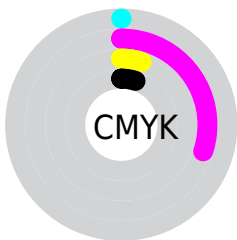
Distribution



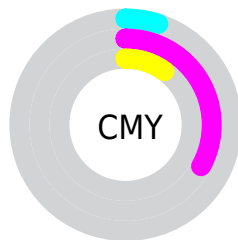
- Red (95%)
- Green (67%)
- Blue (90%)



- Red (95%)
- Yellow (67%)
- Blue (90%)



- Cyan (0%)
- Magenta (30%)
- Yellow (5%)
- Black (5%)





- Cyan (5%)
- Magenta (33%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.1355, 53.2838, 80.9805 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 65.1355, 53.2838, 80.9805 by changing the saturation by 10% instead.


 65.1355, 53.2838,
80.9805

 65.1355, 53.2838,
80.9805


432.8163,
399.3730, 518.0247

 47.8361, 38.0294,
59.9946


 111.3093, 95.0218,
136.5672

 33.9078, 26.0055,
42.9890


140.9143,
122.2743, 172.0051

 22.9853, 16.8277,
29.5452


175.3519,
154.2948, 213.0975

 14.7033, 10.1118,
19.2445

214.9875,
191.4678, 260.2628

 8.6964, 5.4731,
11.6685

260.1864,
234.1778, 313.9197

 4.5992, 2.5274,
6.3986

311.3139,

 2.0464, 0.8903,

282.8090, 374.4866

3.0162

368.7354,
337.7460, 442.3821

■ 0.6598, 0.0000,
1.1029

■ 0.0000, 0.0000,
0.0000

■ 65.1355, 53.2838,
80.9805

■ 65.1355, 53.2838,
80.9805

■ 60.4076, 44.7914,
76.4324

■ 70.7170, 63.4570,
85.8901

■ 56.4825, 37.8810,
72.2266

■ 77.1897, 75.3888,
91.1724

■ 53.3113, 32.4542,
68.3467

■ 84.5948, 89.1604,
96.8425

■ 50.8378, 28.3989,
64.7736

■ 89.0868, 97.0808,
101.6189

■ 48.9980, 25.5869,
61.4852

■ 89.7673, 97.3531,
105.2027

■ 47.7154, 23.8658,
58.4555

■ 90.4284, 97.6175,
108.6837

■ 46.8656, 22.9869,
55.6425

■ 46.8464, 22.9687,
55.5739

Harmonies

Analogous

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



59.0070, 53.2838, 103.0843



65.1355, 53.2838, 80.9805



67.2774, 53.2838, 56.7125

Triad

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



65.1355, 53.2838, 80.9805



50.1871, 53.2838, 24.6504



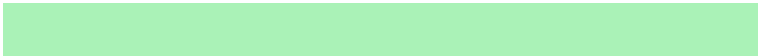
38.8636, 53.2838, 83.8573

Complementary

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



65.1355, 53.2838, 80.9805



56.8791, 75.4708, 56.3724

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.



37.0076, 53.2838, 59.3414



65.1355, 53.2838, 80.9805



43.1122, 53.2838, 28.4755

Square

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



65.1355, 53.2838, 80.9805



58.1311, 53.2838, 27.6655



38.4801, 53.2838, 39.8653



43.8302, 53.2838, 105.0246

Rectangle

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



65.1355, 53.2838, 80.9805



65.9965, 53.2838, 43.4333



38.4801, 53.2838, 39.8653



37.8797, 53.2838, 75.5466

Sweetspot

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



65.1371, 53.2862, 80.9816



87.5006, 85.9573, 103.1274



49.6955, 45.1081, 90.0929



18.4849, 17.9469, 21.8810



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.



65.1371, 53.2862, 80.9816



69.8677, 53.7234, 87.9029



60.7322, 51.5242, 57.7856



16.3246, 15.9796, 19.2658



25.2126, 12.3575, 30.0998



2.1290, 1.0407, 2.6703

Inverse Universe

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



65.1371, 53.2862, 80.9816



69.8677, 53.7234, 87.9029



60.9865, 77.1138, 78.0016



16.3246, 15.9796, 19.2658



25.2126, 12.3575, 30.0998



2.1290, 1.0407, 2.6703

Previews

White Background



This preview shows how the XYZ color 65.1355, 53.2838, 80.9805 looks on a white background.

Color Contrast Check

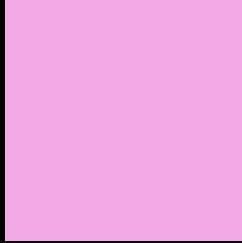
Large Text (above 18pt) WCAG AA × Fail

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 65.1355, 53.2838, 80.9805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

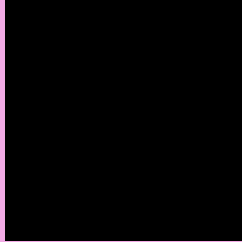
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.1355, 53.2838, 80.9805

Background



This preview shows how black text looks on a background with the XYZ color 65.1355, 53.2838, 80.9805.



This preview shows how white text looks on a background with the XYZ color 65.1355, 53.2838,

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

65.1355, 53.2838, 80.9805

Protanopia

53.7823, 53.4966, 93.0792

Deuteranopia

54.9510, 53.7565, 79.4313



Tritanopia

60.0512, 53.2104, 56.3958

Trichromacy



Original Color

65.1355, 53.2838, 80.9805



Protanomaly

57.1421, 52.7955, 88.8402



Deuteranomaly

58.0336, 53.1481, 79.8729



Tritanomaly

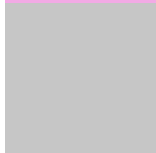
61.7521, 53.0306, 64.7388

Monochromacy



Original Color

65.1355, 53.2838, 80.9805



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.2234, 54.8660, 67.8958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1355, 53.2838, 80.9805 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, 170, 229)` looks like.

```
.text, #text, p{  
    color:rgb(242, 170, 229)  
}
```

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, 170, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 170, 229) }
```

Border

The CSS property to change the border of an element to XYZ 65.1355, 53.2838, 80.9805 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, 170, 229) }
```


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

```
.border{ border-color:rgb(242, 170, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 170, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(242, 170, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(242, 170, 229); box-shadow:4px 4px 4px 4px rgb(242, 170, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1355, 53.2838, 80.9805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 170, 229) }
```

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

```
.background{ background-color: rgb(242,  
170, 229) }
```

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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