

Converting Colors

XYZ(65.4770, 53.7502, 80.5869)

Have a look what the booklet for
XYZ(65.4770, 53.7502, 80.5869)
contains.

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Color

**XYZ(65.5286, 53.7819,
80.3260)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3ABE4 |
| RGB | 243, 171, 228 |
| RGB Percent | 95%, 67%, 89% |
| CMY | 0.0471, 0.3294, 0.1059 |
| CMYK | 0.00, 0.30, 0.06, 0.05 |
| HSL | 313°, 75%, 81% |
| HSV | 313°, 30%, 95% |
| XYZ | 65.5286, 53.7819, 80.3260 |
| YIQ | 199.0260, 24.6150, 32.9910 |

Conversions

Conversions Part 2

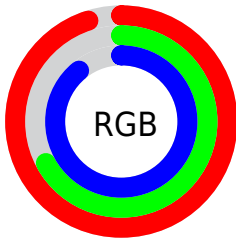
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 243, 171, 228 |
| Decimal | 15969252 |
| CIE Lab | 78.33, 35.09, -18.07 |
| CIE LCh | 78, 39.472, 332.755 |
| Yxy | 53.7819, 0.3282, 0.2694 |
| Android (android.graphics.Color) | 4294159332 (0xFFF3ABE4) |
| YUV | 199.0260, 14.2842, 38.5652 |
| Hunter-Lab | 73.3361, 31.1582, -13.6058 |

Details

The XYZ color **65.5286, 53.7819, 80.3260** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.7103, 76.3058, 58.1444**, and the grayscale version is **54.2082, 57.0313, 62.1071**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **34.1745, 26.3745, 42.3193** is the 20% darker color. If you saturate the color by 10%, you get **60.6615, 45.1552, 75.2869**, and if you desaturate by 10%, it is **71.2633, 64.1091, 85.7570**.

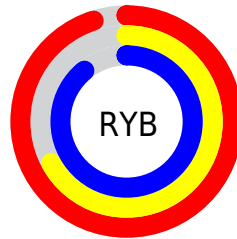
Distribution



Red (95%)

Green (67%)

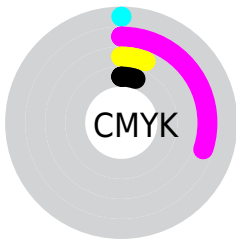
Blue (89%)



Red (95%)

Yellow (67%)

Blue (89%)

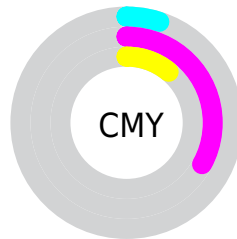


Cyan (0%)

Magenta (30%)

Yellow (6%)

Black (5%)



Cyan (5%)


Magenta (33%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.5286, 53.7819, 80.3260 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 65.5286, 53.7819, 80.3260 by changing the saturation by 10% instead.


 65.5286, 53.7819,
80.3260

 65.5286, 53.7819,
80.3260


434.2044,
401.2778, 515.7665

 48.1561, 38.4273,
59.4589


 111.8710, 95.7539,
135.6395

 34.1623, 26.3145,
42.5602


141.5716,
123.1402, 170.9230

 23.1818, 17.0591,
29.2114

176.1122,
155.3058, 211.8491

 14.8492, 10.2766,
18.9938

215.8584,
192.6351, 258.8362

 8.7993, 5.5828,
11.4890

261.1753,
235.5126, 312.3030

 4.6665, 2.5931,
6.2785

312.4283,

 2.0857, 0.9232,

284.3226, 372.6679

2.9436

369.9829,
339.4495, 440.3496

■ 0.6814, 0.0000,
1.0659

■ 0.0000, 0.0000,
0.0000

■ 65.5286, 53.7819,
80.3260

■ 65.5286, 53.7819,
80.3260

■ 60.6615, 45.1552,
75.2869

■ 71.2633, 64.1091,
85.7570

■ 56.6105, 38.1291,
70.6201

■ 77.9037, 76.2151,
91.5916

■ 53.3265, 32.6045,
66.3087

■ 85.4912, 90.1822,
97.8453

■ 50.7527, 28.4682,
62.3330

■ 89.7050, 97.3679,
103.0784

■ 48.8243, 25.5909,
58.6705

■ 90.5025, 97.6869,
107.2776

■ 47.4643, 23.8188,
55.2947

■ 90.7725, 97.7949,
108.6998

■ 46.5491, 22.9052,
52.1634

■ 46.5183, 22.8772,
52.0497

Harmonies

Analogous

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



59.6032, 53.7819, 102.2308



65.5286, 53.7819, 80.3260



67.4762, 53.7819, 56.5336

Triad

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



65.5286, 53.7819, 80.3260



50.4058, 53.7819, 25.4626



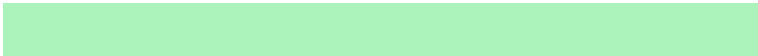
39.5926, 53.7819, 84.7887

Complementary

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



65.5286, 53.7819, 80.3260



57.7103, 76.3058, 58.1444

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.



37.6436, 53.7819, 60.6329



65.5286, 53.7819, 80.3260



43.4791, 53.7819, 29.5240

Square

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



65.5286, 53.7819, 80.3260



58.2405, 53.7819, 28.2446



38.9921, 53.7819, 41.1296



44.6014, 53.7819, 105.2312

Rectangle

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



65.5286, 53.7819, 80.3260



66.1119, 53.7819, 43.5678



38.9921, 53.7819, 41.1296



38.5822, 53.7819, 76.6470

Sweetspot

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



65.5302, 53.7843, 80.3271



87.4003, 85.9172, 102.5993



50.8472, 45.9637, 90.9869



18.4601, 17.9369, 21.7502



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.



65.5302, 53.7843, 80.3271



69.4947, 53.5743, 85.9388



61.1080, 52.0154, 57.0401



17.0571, 16.7057, 20.0471



25.5814, 12.5760, 28.8337



2.2846, 1.1198, 2.7252

Inverse Universe

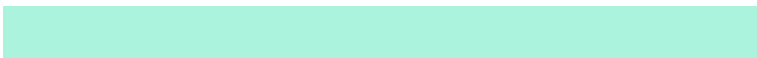
The Inverse Universe completely reimagines the original color for something new.



65.5302, 53.7843, 80.3271



69.4947, 53.5743, 85.9388



61.9516, 78.0024, 80.4789



17.0571, 16.7057, 20.0471



25.5814, 12.5760, 28.8337



2.2846, 1.1198, 2.7252

Previews

White Background



This preview shows how the XYZ color 65.5286, 53.7819, 80.3260 looks on a white background.

Color Contrast Check

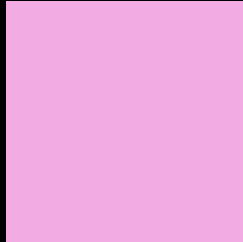
Large Text (above 18pt) WCAG AA × Fail

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 65.5286, 53.7819, 80.3260 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 65.5286, 53.7819, 80.3260

Background



This preview shows how black text looks on a background with the XYZ color 65.5286, 53.7819, 80.3260.



This preview shows how white text looks on a background with the XYZ color 65.5286, 53.7819,

80.3260.

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

65.5286, 53.7819, 80.3260

Protanopia

54.1681, 54.0552, 91.5831

Deuteranopia

55.0769, 53.8372, 78.7229



Tritanopia

60.5843, 53.7795, 56.4776

Trichromacy



Original Color

65.5286, 53.7819, 80.3260



Protanomaly

57.3284, 53.2328, 87.3742



Deuteranomaly

58.1870, 53.2430, 79.1617



Tritanomaly

62.1642, 53.5448, 64.1855

Monochromacy



Original Color

65.5286, 53.7819, 80.3260



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

57.8548, 55.4954, 68.6352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5286, 53.7819, 80.3260 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(243, 171, 228)` looks like.

```
.text, #text, p{  
    color:rgb(243, 171, 228)  
}
```

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(243, 171, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 171, 228) }
```

Border

The CSS property to change the border of an element to XYZ 65.5286, 53.7819, 80.3260 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(243, 171, 228) }
```


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

```
.border{ border-color:rgb(243, 171, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 171, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 171, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 171, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 171,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5286, 53.7819, 80.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 171, 228) }
```

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

```
.background{ background-color: rgb(243,  
171, 228) }
```

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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