

Converting Colors

XYZ(65.6933, 55.8588, 83.6006)

Have a look what the booklet for
XYZ(65.6933, 55.8588, 83.6006)
contains.

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Color

**XYZ(65.7458, 55.8441,
83.6577)**

Conversions

Conversions Part 1

Format	Color
Hex	EEB2E8
RGB	238, 178, 232
RGB Percent	93%, 70%, 91%
CMY	0.0667, 0.3019, 0.0902
CMYK	0.00, 0.25, 0.03, 0.07
HSL	306°, 64%, 82%
HSV	306°, 25%, 93%
XYZ	65.7458, 55.8441, 83.6577
YIQ	202.0960, 18.4260, 29.5140

Conversions

Conversions Part 2

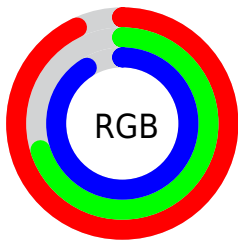
Format	Color
R _Y B	238, 178, 232
Decimal	15643368
CIE Lab	79.53, 30.45, -18.48
CIE LCh	80, 35.619, 328.743
Yxy	55.8441, 0.3203, 0.2721
Android (android.graphics.Color)	4293833448 (0xFFEEB2E8)
YUV	202.0960, 14.7427, 31.4878
Hunter-Lab	74.7289, 26.2670, -14.0639

Details

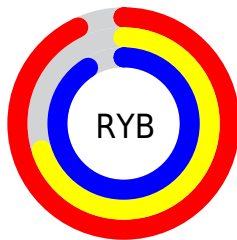
The XYZ color **65.7458, 55.8441, 83.6577** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **57.5886, 74.0765, 56.6136**, and the grayscale version is **56.1032, 59.0249, 64.2782**.

A 20% lighter version of the original color is **88.7128, 87.3256, 106.7876**, and **34.2261, 27.6256, 44.6027** is the 20% darker color. If you saturate the color by 10%, you get **61.0796, 47.0483, 80.4459**, and if you desaturate by 10%, it is **71.2415, 66.2897, 87.1699**.

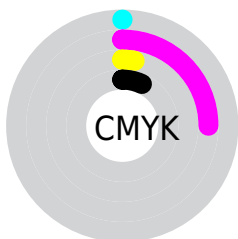
Distribution



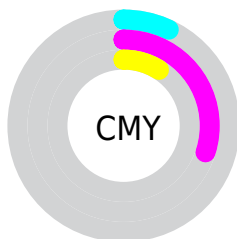
- Red (93%)
- Green (70%)
- Blue (91%)



- Red (93%)
- Yellow (70%)
- Blue (91%)



- Cyan (0%)
- Magenta (25%)
- Yellow (3%)
- Black (7%)



- Cyan (7%)
- Magenta (30%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.7458, 55.8441, 83.6577 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 65.7458, 55.8441, 83.6577 by changing the saturation by 10% instead.

65.7458, 55.8441,
83.6577

65.7458, 55.8441,
83.6577

434.9702,
409.1037, 527.2042

48.3330, 40.0779,
62.1891

112.1812, 98.7766,
140.3537

34.3030, 27.5993,
44.7487

141.9345,
126.7117, 176.4182

23.2905, 18.0238,
30.9181

176.5320,
159.4720, 218.1851

14.9300, 10.9671,
20.2785

216.3391,
197.4417, 266.0729

8.8563, 6.0447,
12.4116

261.7211,
241.0054, 320.5002

4.7039, 2.8723,
6.8987

313.0434,

2.1076, 1.0654,

290.5473, 381.8854

3.3213

370.6713,
346.4520, 450.6473

■ 0.6933, 0.0000,
1.2610

■ 0.0000, 0.0000,
0.0295

■ 65.7458, 55.8441,
83.6577

■ 65.7458, 55.8441,
83.6577

■ 61.0796, 47.0483,
80.4459

■ 71.2415, 66.2897,
87.1699

■ 57.1954, 39.8100,
77.5166

■ 77.6009, 78.4564,
90.9920

■ 54.0485, 34.0392,
74.8555

■ 84.8627, 92.4203,
95.1377

■ 51.5880, 29.6338,
72.4456

■ 86.9758, 96.0796,
97.5900

49.7560, 26.4784,
70.2674

87.3348, 96.2232,
99.4806

48.4856, 24.4388,
68.2985

87.6985, 96.3687,
101.3958

47.6941, 23.3499,
66.5114

88.0669, 96.5160,
103.3356

47.4233, 23.0426,
65.6990

88.4400, 96.6652,
105.3002

88.8178, 96.8164,
107.2897

Harmonies

Analogous

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



59.9816, 55.8441, 102.3676



65.7458, 55.8441, 83.6577



68.0751, 55.8441, 61.6744

Triad

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



65.7458, 55.8441, 83.6577



53.3810, 55.8441, 29.2771



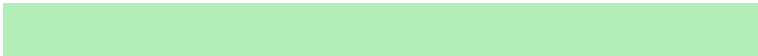
41.8934, 55.8441, 81.8168

Complementary

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



65.7458, 55.8441, 83.6577



57.5886, 74.0765, 56.6136

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.



40.4633, 55.8441, 59.9433



65.7458, 55.8441, 83.6577



46.7258, 55.8441, 32.3596

Square

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



65.7458, 55.8441, 83.6577



60.5513, 55.8441, 32.9314



42.1521, 55.8441, 42.5459



46.2466, 55.8441, 101.1475

Rectangle

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



65.7458, 55.8441, 83.6577



67.2203, 55.8441, 48.9891



42.1521, 55.8441, 42.5459



41.0732, 55.8441, 74.3822

Sweetspot

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



65.7475, 55.8466, 83.6589



88.5571, 87.5371, 105.1237



51.1226, 48.2070, 87.5006



18.7097, 18.2672, 22.3546



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.



65.7475, 55.8466, 83.6589



74.1025, 60.0371, 95.9609



61.8430, 54.2848, 63.0980



16.3821, 16.0026, 19.5685



26.4846, 12.8663, 36.7981



2.2228, 1.0782, 3.1642

Inverse Universe

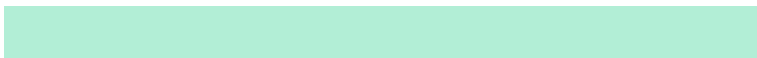
The Inverse Universe completely reimagines the original color for something new.



65.7475, 55.8466, 83.6589



74.1025, 60.0371, 95.9609



61.0743, 75.4708, 74.9687



16.3821, 16.0026, 19.5685



26.4846, 12.8663, 36.7981



2.2228, 1.0782, 3.1642

Previews

White Background



This preview shows how the XYZ color 65.7458, 55.8441, 83.6577 looks on a white background.

Color Contrast Check

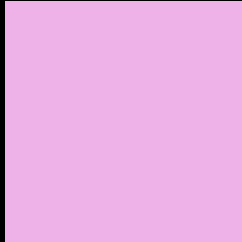
Large Text (above 18pt) WCAG AA × Fail

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 65.7458, 55.8441, 83.6577 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 65.7458, 55.8441, 83.6577

Background



This preview shows how black text looks on a background with the XYZ color 65.7458, 55.8441, 83.6577.



This preview shows how white text looks on a background with the XYZ color 65.7458, 55.8441,

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

65.7458, 55.8441, 83.6577

Protanopia

56.0939, 56.0010, 93.4408

Deuteranopia

57.3002, 56.2146, 81.9592



Tritanopia

60.9378, 55.6818, 60.9620

Trichromacy



Original Color

65.7458, 55.8441, 83.6577



Protanomaly

59.1026, 55.6656, 90.0676



Deuteranomaly

59.9977, 55.9758, 82.5051



Tritanomaly

62.6218, 55.7712, 68.4372

Monochromacy



Original Color

65.7458, 55.8441, 83.6577



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.1045, 57.3911, 70.9132

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.7458, 55.8441, 83.6577 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(238, 178, 232)` looks like.

```
.text, #text, p{  
    color:rgb(238, 178, 232)  
}
```

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(238, 178, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 178, 232) }
```

Border

The CSS property to change the border of an element to XYZ 65.7458, 55.8441, 83.6577 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(238, 178, 232) }
```


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

```
.border{ border-color:rgb(238, 178, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 178, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 178, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 178, 232);  
box-shadow:4px 4px 4px 4px rgb(238, 178,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 65.7458, 55.8441, 83.6577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 178, 232) }
```

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

```
.background{ background-color: rgb(238,  
178, 232) }
```

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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