

Converting Colors

XYZ(65.7241, 55.7041, 81.1594)

Have a look what the booklet for
XYZ(65.7241, 55.7041, 81.1594)
contains.

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Color

**XYZ(65.8002, 55.6267,
81.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	F0B1E5
RGB	240, 177, 229
RGB Percent	94%, 69%, 90%
CMY	0.0588, 0.3059, 0.1020
CMYK	0.00, 0.26, 0.05, 0.06
HSL	310°, 68%, 82%
HSV	310°, 26%, 94%
XYZ	65.8002, 55.6267, 81.3977
YIQ	201.7650, 20.8560, 29.5280

Conversions

Conversions Part 2

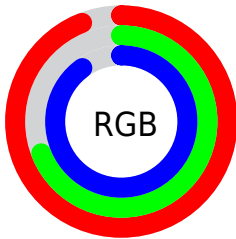
Format	Color
R _Y B	240, 177, 229
Decimal	15774181
CIE Lab	79.40, 31.11, -17.03
CIE LCh	79, 35.463, 331.298
Yxy	55.6267, 0.3244, 0.2743
Android (android.graphics.Color)	4293964261 (0xFFFF0B1E5)
YUV	201.7650, 13.4269, 33.5321
Hunter-Lab	74.5833, 26.9586, -12.4988

Details

The XYZ color **65.8002, 55.6267, 81.3977** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.3709, 75.2999, 59.0381**, and the grayscale version is **55.9040, 58.8153, 64.0499**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **34.2789, 27.4997, 43.0364** is the 20% darker color. If you saturate the color by 10%, you get **60.8925, 46.7356, 76.9099**, and if you desaturate by 10%, it is **71.5590, 66.1956, 86.2401**.

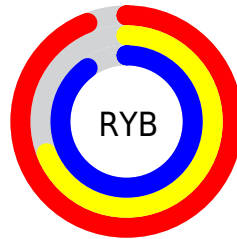
Distribution



Red (94%)

Green (69%)

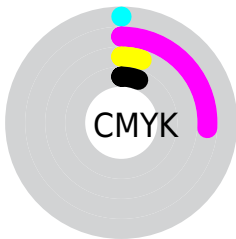
Blue (90%)



Red (94%)

Yellow (69%)

Blue (90%)

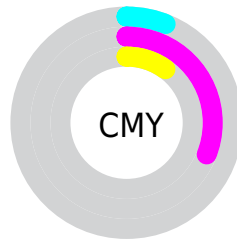


Cyan (0%)

Magenta (26%)

Yellow (5%)

Black (6%)



Cyan (6%)


Magenta (31%)


Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.8002, 55.6267, 81.3977 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 65.8002, 55.6267, 81.3977 by changing the saturation by 10% instead.


 65.8002, 55.6267,
81.3977

 65.8002, 55.6267,
81.3977

435.1619,
408.2832, 519.4612

 48.3773, 39.9037,
60.3363


 112.2588, 98.4586,
137.1581

 34.3383, 27.4635,
43.2627


142.0253,
126.3362, 172.6942

 23.3177, 17.9216,
29.7583


176.6371,
159.0342, 213.8923

 14.9503, 10.8937,
19.4047

216.4594,
196.9370, 261.1709

 8.8706, 5.9954,
11.7833

261.8577,
240.4288, 314.9486

 4.7133, 2.8423,
6.4756

313.1973,

 2.1131, 1.0500,

289.8942, 375.6438

3.0629

370.8436,
345.7175, 443.6752

■ 0.6963, 0.0000,
1.1269

■ 0.0000, 0.0000,
0.0000

■ 65.8002, 55.6267,
81.3977

■ 65.8002, 55.6267,
81.3977

■ 60.8925, 46.7356,
76.9099

■ 71.5590, 66.1956,
86.2401

■ 56.7871, 39.4276,
72.7582

■ 78.2045, 78.5159,
91.4476

■ 53.4379, 33.6097,
68.9273

■ 85.7762, 92.6658,
97.0345

■ 50.7921, 29.1766,
65.3991

■ 88.2941, 96.6849,
101.0080

48.7899, 26.0086,
62.1532

88.9440, 96.9449,
104.4304

47.3614, 23.9662,
59.1657

89.6085, 97.2107,
107.9296

46.4196, 22.8755,
56.4072

89.7457, 97.2655,
108.6518

46.1394, 22.6070,
55.4137

Harmonies

Analogous

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



60.3007, 55.6267, 100.5883



65.8002, 55.6267, 81.3977



67.7599, 55.6267, 59.6850

Triad

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



65.8002, 55.6267, 81.3977



52.5623, 55.6267, 29.2379



42.0233, 55.6267, 83.2837

Complementary

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



65.8002, 55.6267, 81.3977



58.3709, 75.2999, 59.0381

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.



40.3412, 55.6267, 61.4597



65.8002, 55.6267, 81.3977



46.0791, 55.6267, 32.8816

Square

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



65.8002, 55.6267, 81.3977



59.7168, 55.6267, 32.2946



41.7580, 55.6267, 43.6346



46.5704, 55.6267, 101.8378

Rectangle

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



65.8002, 55.6267, 81.3977



66.6678, 55.6267, 47.4240



41.7580, 55.6267, 43.6346



41.1234, 55.6267, 75.9406

Sweetspot

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



65.8019, 55.6292, 81.3989



88.3156, 87.4405, 103.8520



52.0689, 48.3664, 89.0305



18.6485, 18.2427, 22.0321



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.



65.8019, 55.6292, 81.3989



72.6621, 58.6537, 90.8645



61.8524, 54.0494, 60.6012



16.3289, 15.9813, 19.2880



25.3013, 12.3930, 30.5671



2.1356, 1.0433, 2.7051

Inverse Universe

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



65.8019, 55.6292, 81.3989



72.6621, 58.6537, 90.8645



62.0798, 76.7834, 78.5685



16.3289, 15.9813, 19.2880



25.3013, 12.3930, 30.5671



2.1356, 1.0433, 2.7051

Previews

White Background



This preview shows how the XYZ color 65.8002, 55.6267, 81.3977 looks on a white background.

Color Contrast Check

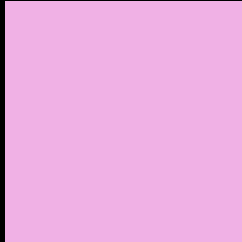
Large Text (above 18pt) WCAG AA × Fail

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 65.8002, 55.6267, 81.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

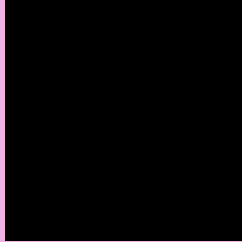
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8002, 55.6267, 81.3977

Background



This preview shows how black text looks on a background with the XYZ color 65.8002, 55.6267, 81.3977.



This preview shows how white text looks on a background with the XYZ color 65.8002, 55.6267,

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

65.8002, 55.6267, 81.3977

Protanopia

55.8858, 55.9459, 91.0722

Deuteranopia

56.9342, 55.7468, 79.7110



Tritanopia

61.6036, 55.7311, 60.3336

Trichromacy



Original Color

65.8002, 55.6267, 81.3977



Protanomaly

58.7229, 55.2027, 87.6809



Deuteranomaly

59.9544, 55.6856, 80.2615



Tritanomaly

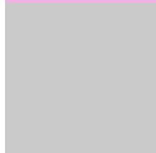
62.9575, 55.6557, 67.7460

Monochromacy



Original Color

65.8002, 55.6267, 81.3977



Achromatopsia

56.1383, 59.0619, 64.3184



Achromatomaly

59.2725, 57.4923, 70.2605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8002, 55.6267, 81.3977 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(240, 177, 229)` looks like.

```
.text, #text, p{  
    color:rgb(240, 177, 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(240, 177, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 177, 229) }
```

Border

The CSS property to change the border of an element to XYZ 65.8002, 55.6267, 81.3977 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(240, 177, 229) }
```


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

```
.border{ border-color:rgb(240, 177, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 177, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 177, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 177, 229);  
box-shadow:4px 4px 4px 4px rgb(240, 177,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8002, 55.6267, 81.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 177, 229) }
```

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

```
.background{ background-color: rgb(240,  
177, 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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