

Converting Colors

XYZ(65.9949, 53.8735, 89.0595)

Have a look what the booklet for
XYZ(65.9949, 53.8735, 89.0595)
contains.

XYZ(65.8877, 53.7678, 89.3436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.8877, 53.7678,
89.3436)**

Conversions

Conversions Part 1

Format	Color
Hex	EFABF0
RGB	239, 171, 240
RGB Percent	94%, 67%, 94%
CMY	0.0627, 0.3294, 0.0588
CMYK	0.00, 0.29, 0.00, 0.06
HSL	299°, 70%, 81%
HSV	299°, 29%, 94%
XYZ	65.8877, 53.7678, 89.3436
YIQ	199.1980, 18.3790, 35.8750

Conversions

Conversions Part 2

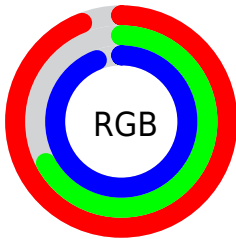
Format	Color
R _Y B	239, 171, 240
Decimal	15707120
CIE Lab	78.33, 35.93, -24.61
CIE LCh	78, 43.553, 325.596
Yxy	53.7678, 0.3153, 0.2573
Android (android.graphics.Color)	4293897200 (0xFFEFABF0)
YUV	199.1980, 20.1154, 34.9064
Hunter-Lab	73.3265, 32.0701, -20.9124

Details

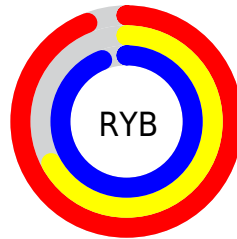
The XYZ color **65.8877, 53.7678, 89.3436** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5258, 74.0324, 49.8939**, and the grayscale version is **54.2816, 57.1084, 62.1911**.

A 20% lighter version of the original color is **86.7591, 83.4182, 106.1364**, and **34.4216, 26.3626, 48.6217** is the 20% darker color. If you saturate the color by 10%, you get **61.6428, 45.4509, 87.9628**, and if you desaturate by 10%, it is **70.9593, 63.7355, 91.0010**.

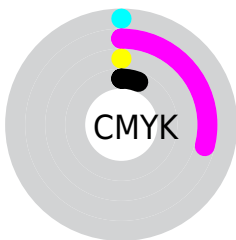
Distribution



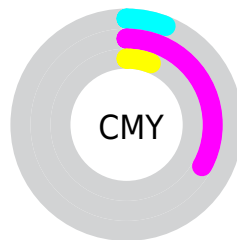
- Red (94%)
- Green (67%)
- Blue (94%)



- Red (94%)
- Yellow (67%)
- Blue (94%)



- Cyan (0%)
- Magenta (29%)
- Yellow (0%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.8877, 53.7678, 89.3436 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 65.8877, 53.7678, 89.3436 by changing the saturation by 10% instead.


 65.8877, 53.7678,
89.3436

 65.8877, 53.7678,
89.3436


435.4701,
401.2239, 546.4082

 48.4486, 38.4161,
66.8657


 112.3838, 95.7332,
148.3538

 34.3950, 26.3058,
48.5146

142.1714,
123.1157, 185.7233

 23.3616, 17.0525,
33.8717


176.8060,
155.2772, 228.8936

 14.9829, 10.2719,
22.5185

216.6529,
192.6021, 278.2834

 8.8936, 5.5796,
14.0364

262.0774,
235.4749, 334.3113

 4.7284, 2.5912,
8.0070

313.4448,

 2.1219, 0.9222,

284.2798, 397.3956

4.0116

371.1206,
339.4014, 467.9551

■ 0.7011, 0.0000,
1.6317

■ 0.0000, 0.0000,
0.3133

■ 65.8877, 53.7678,
89.3436

■ 65.8877, 53.7678,
89.3436

■ 61.6428, 45.4509,
87.9628

■ 70.9593, 63.7355,
91.0010

■ 58.1748, 38.6887,
86.8403

■ 76.8936, 75.4295,
92.9454

■ 55.4367, 33.3860,
85.9611

■ 83.7309, 88.9289,
95.1907

■ 53.3742, 29.4341,
85.3070

■ 87.5568, 96.4053,
96.4322

51.9255, 26.7094,
84.8575

87.6751, 96.4663,
96.4377

51.0174, 25.0655,
84.5880

87.7937, 96.5275,
96.4433

50.5421, 24.2869,
84.4628

87.9126, 96.5887,
96.4488

50.4950, 24.2142,
84.4512

88.0316, 96.6501,
96.4544

88.1509, 96.7116,
96.4600

Harmonies

Analogous

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



58.5332, 53.7678, 112.0320



65.8877, 53.7678, 89.3436



69.2903, 53.7678, 62.2306

Triad

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



65.8877, 53.7678, 89.3436



52.3762, 53.7678, 23.0557



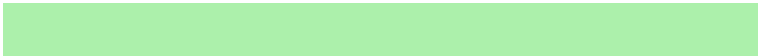
37.6782, 53.7678, 81.3053

Complementary

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



65.8877, 53.7678, 89.3436



55.5258, 74.0324, 49.8939

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.



36.4168, 53.7678, 55.0060



65.8877, 53.7678, 89.3436



44.3329, 53.7678, 25.5457

Square

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



65.8877, 53.7678, 89.3436



60.9571, 53.7678, 27.6803



38.7168, 53.7678, 35.7869



42.3756, 53.7678, 106.5566

Rectangle

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



65.8877, 53.7678, 89.3436



68.6112, 53.7678, 46.7874



38.7168, 53.7678, 35.7869



36.8623, 53.7678, 72.1214

Sweetspot

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



65.8894, 53.7702, 89.3447



88.0385, 86.1584, 106.5978



47.3061, 44.5140, 88.5376



18.6184, 17.9968, 22.7424



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.



65.8894, 53.7702, 89.3447



72.8876, 56.3588, 101.6445



61.7195, 52.1413, 65.6206



16.4303, 16.0191, 19.9476



27.6520, 13.2606, 46.2300



2.3076, 1.1069, 3.8462

Inverse Universe

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



57.9462, 50.6320, 45.7509



62.5118, 52.2617, 44.6030



58.8976, 75.3559, 68.7900



15.7821, 15.7626, 16.4088



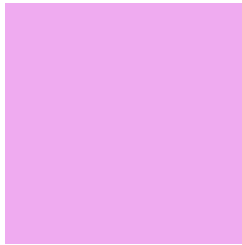
19.6860, 10.1468, 0.9973



1.6409, 0.8454, 0.1000

Previews

White Background



This preview shows how the XYZ color 65.8877, 53.7678, 89.3436 looks on a white background.

Color Contrast Check

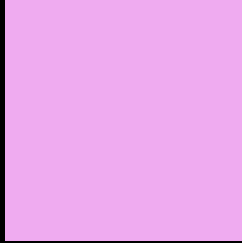
Large Text (above 18pt) WCAG AA × Fail

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 65.8877, 53.7678, 89.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

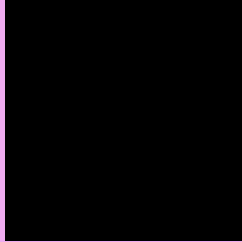
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.8877, 53.7678, 89.3436

Background



This preview shows how black text looks on a background with the XYZ color 65.8877, 53.7678, 89.3436.

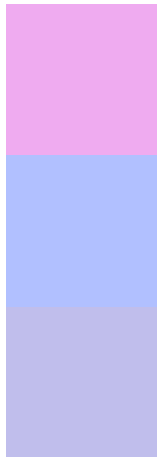


This preview shows how white text looks on a background with the XYZ color 65.8877, 53.7678,

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

65.8877, 53.7678, 89.3436

Protanopia

55.0311, 54.2664, 102.1818

Deuteranopia

55.2920, 54.0895, 86.8830



Tritanopia

59.6631, 53.8612, 58.2906

Trichromacy



Original Color

65.8877, 53.7678, 89.3436



Protanomaly

58.2152, 53.4625, 97.6935



Deuteranomaly

58.5140, 53.5367, 87.3704



Tritanomaly

61.7410, 53.8096, 68.7602

Monochromacy



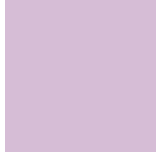
Original Color

65.8877, 53.7678, 89.3436



Achromatopsia

54.2854, 57.1125, 62.1955



Achromatomaly

58.0668, 55.5464, 71.2794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8877, 53.7678, 89.3436 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(239, 171, 240)` looks like.

```
.text, #text, p{  
    color:rgb(239, 171, 240)  
}
```

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(239, 171, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 171, 240) }
```

Border

The CSS property to change the border of an element to XYZ 65.8877, 53.7678, 89.3436 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(239, 171, 240) }
```


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

```
.border{ border-color:rgb(239, 171, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 171, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 171, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 171, 240);  
box-shadow:4px 4px 4px 4px rgb(239, 171,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8877, 53.7678, 89.3436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 171, 240) }
```

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

```
.background{ background-color: rgb(239,  
171, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor