

Converting Colors

XYZ(65.3672, 52.9191, 85.4380)

Have a look what the booklet for
XYZ(65.3672, 52.9191, 85.4380)
contains.

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Color

**XYZ(65.4590, 53.0749,
85.3917)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F1A9EB |
| RGB | 241, 169, 235 |
| RGB Percent | 95%, 66%, 92% |
| CMY | 0.0549, 0.3372, 0.0784 |
| CMYK | 0.00, 0.30, 0.02, 0.05 |
| HSL | 305°, 72%, 80% |
| HSV | 305°, 30%, 95% |
| XYZ | 65.4590, 53.0749, 85.3917 |
| YIQ | 198.0520, 21.7260, 35.7900 |

Conversions

Conversions Part 2

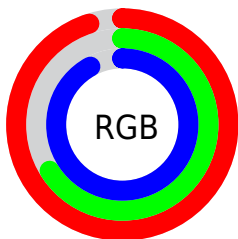
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 241, 169, 235 |
| Decimal | 15837675 |
| CIE _{Lab} | 77.92, 36.73, -22.51 |
| CIE _{LCh} | 78, 43.074, 328.498 |
| Yxy | 53.0749, 0.3210, 0.2603 |
| Android (android.graphics.Color) | 4294027755 (0xFFF1A9EB) |
| YUV | 198.0520, 18.2154, 37.6654 |
| Hunter-Lab | 72.8525, 32.8928, -18.4981 |

Details

The XYZ color **65.4590, 53.0749, 85.3917** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5575, 74.4424, 52.0011**, and the grayscale version is **53.5931, 56.3841, 61.4023**.

A 20% lighter version of the original color is **86.2152, 82.3304, 105.9551**, and **34.1492, 25.9358, 45.8541** is the 20% darker color. If you saturate the color by 10%, you get **61.0940, 44.8057, 82.5135**, and if you desaturate by 10%, it is **70.6569, 63.0027, 88.5648**.

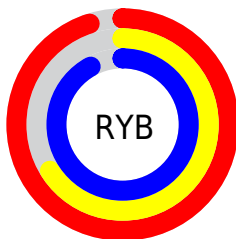
Distribution



Red (95%)

Green (66%)

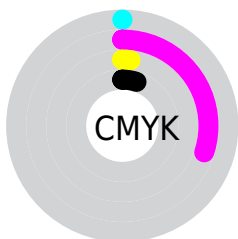
Blue (92%)



Red (95%)

Yellow (66%)

Blue (92%)

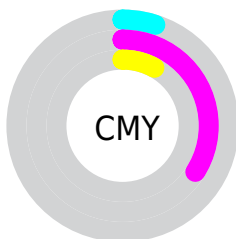


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (5%)



Cyan (5%)


Magenta (34%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.4590, 53.0749, 85.3917 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 65.4590, 53.0749, 85.3917 by changing the saturation by 10% instead.


 65.4590, 53.0749,
85.3917

 65.4590, 53.0749,
85.3917


433.9588,
398.5724, 533.1016

 48.0994, 37.8626,
63.6131


 111.7715, 94.7146,
142.7993

 34.1172, 25.8760,
45.8932


141.4552,
121.9107, 179.2654

 23.1470, 16.7309,
31.8135


175.9777,
153.8702, 221.4644

 14.8234, 10.0428,
20.9554

215.7043,
190.9775, 269.8148

 8.7810, 5.4274,
12.9005

261.0003,
233.6170, 324.7352

 4.6546, 2.5001,
7.2301

312.2312,

 2.0787, 0.8767,

282.1730, 386.6441

3.5258

369.7622,
337.0300, 455.9601

■ 0.6776, 0.0000,
1.3690

■ 0.0000, 0.0000,
0.1174

■ 65.4590, 53.0749,
85.3917

■ 65.4590, 53.0749,
85.3917

■ 61.0940, 44.8057,
82.5135

■ 70.6569, 63.0027,
88.5648

■ 57.5114, 38.0971,
79.9116

■ 76.7247, 74.6660,
92.0436

■ 54.6630, 32.8518,
77.5706

■ 83.7032, 88.1454,
95.8422

■ 52.4933, 28.9586,
75.4718

■ 88.2191, 96.6942,
98.8362

50.9387, 26.2904,
73.5940

88.5242, 96.8163,
100.4431

49.9236, 24.6961,
71.9119

88.8327, 96.9397,
102.0674

49.3227, 23.9249,
70.3837

89.1445, 97.0644,
103.7094

49.3160, 23.9170,
70.3648

89.4597, 97.1905,
105.3690

89.7782, 97.3179,
107.0463

Harmonies

Analogous

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



58.5259, 53.0749, 108.5321



65.4590, 53.0749, 85.3917



68.3163, 53.0749, 59.0067

Triad

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



65.4590, 53.0749, 85.3917



50.8693, 53.0749, 22.8605



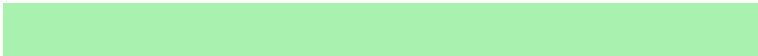
37.5765, 53.0749, 82.7044

Complementary

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



65.4590, 53.0749, 85.3917



55.5575, 74.4424, 52.0011

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.



36.0003, 53.0749, 56.5892



65.4590, 53.0749, 85.3917



43.1464, 53.0749, 25.9966

Square

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



65.4590, 53.0749, 85.3917



59.3367, 53.0749, 26.7127



37.9244, 53.0749, 36.8863



42.4911, 53.0749, 106.7026

Rectangle

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



65.4590, 53.0749, 85.3917



67.3097, 53.0749, 44.3579



37.9244, 53.0749, 36.8863



36.6643, 53.0749, 73.6910

Sweetspot

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



65.4607, 53.0772, 85.3928



87.8542, 86.0988, 104.9897



47.7468, 43.8435, 89.1663



18.5726, 17.9820, 22.3429



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.



65.4607, 53.0772, 85.3928



71.2152, 54.2624, 94.9986



60.7744, 51.2027, 60.7151



16.3941, 16.0074, 19.6316



26.7672, 12.9793, 38.2861



2.2434, 1.0864, 3.2727

Inverse Universe

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



65.4607, 53.0772, 85.3928



71.2152, 54.2624, 94.9986



59.5774, 76.0504, 73.1692



16.3941, 16.0074, 19.6316



26.7672, 12.9793, 38.2861



2.2434, 1.0864, 3.2727

Previews

White Background



This preview shows how the XYZ color 65.4590, 53.0749, 85.3917 looks on a white background.

Color Contrast Check

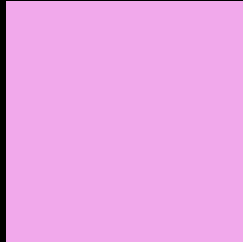
Large Text (above 18pt) WCAG AA × Fail

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 65.4590, 53.0749, 85.3917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

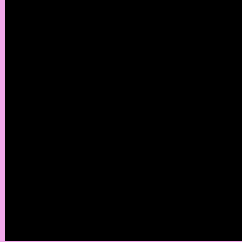
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.4590, 53.0749, 85.3917

Background



This preview shows how black text looks on a background with the XYZ color 65.4590, 53.0749, 85.3917.



This preview shows how white text looks on a background with the XYZ color 65.4590, 53.0749,

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

65.4590, 53.0749, 85.3917

Protanopia

54.0176, 53.5108, 97.9241

Deuteranopia

54.6137, 53.5022, 83.0498



Tritanopia

59.3871, 52.8680, 56.3647

Trichromacy



Original Color

65.4590, 53.0749, 85.3917



Protanomaly

57.2343, 52.7389, 93.5493



Deuteranomaly

57.8718, 52.9837, 83.5206



Tritanomaly

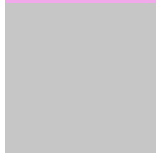
61.3236, 52.7816, 65.9873

Monochromacy



Original Color

65.4590, 53.0749, 85.3917



Achromatopsia

53.6758, 56.4712, 61.4971



Achromatomaly

57.2598, 54.5399, 69.1374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.4590, 53.0749, 85.3917 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(241, 169, 235)` looks like.

```
.text, #text, p{  
    color:rgb(241, 169, 235)  
}
```

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(241, 169, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 169, 235) }
```

Border

The CSS property to change the border of an element to XYZ 65.4590, 53.0749, 85.3917 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(241, 169, 235) }
```


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

```
.border{ border-color:rgb(241, 169, 235) }
```

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

Here you see how a box with a 4 pixel rgb(241, 169, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 169, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 169, 235);  
box-shadow:4px 4px 4px 4px rgb(241, 169,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 65.4590, 53.0749, 85.3917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 169, 235) }
```

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

```
.background{ background-color: rgb(241,  
169, 235) }
```

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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