

Converting Colors

XYZ(53.1813, 35.8373, 62.9944)

Have a look what the booklet for
XYZ(53.1813, 35.8373, 62.9944)
contains.

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Color

**XYZ(53.1192, 35.8758,
63.1565)**

Conversions

Conversions Part 1

Format	Color
Hex	EE77CF
RGB	238, 119, 207
RGB Percent	93%, 47%, 81%
CMY	0.0667, 0.5333, 0.1882
CMYK	0.00, 0.50, 0.13, 0.07
HSL	316°, 78%, 70%
HSV	316°, 50%, 93%
XYZ	53.1192, 35.8758, 63.1565
YIQ	164.6130, 42.6760, 52.5960

Conversions

Conversions Part 2

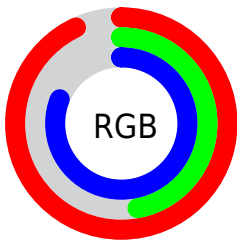
Format	Color
R _Y B	238, 119, 207
Decimal	15628239
CIE Lab	66.42, 56.57, -24.68
CIE LCh	66, 61.722, 336.428
Yxy	35.8758, 0.3491, 0.2358
Android (android.graphics.Color)	4293818319 (0xFFEE77CF)
YUV	164.6130, 20.8968, 64.3604
Hunter-Lab	59.8964, 53.4842, -20.5896

Details

The XYZ color **53.1192, 35.8758, 63.1565** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **43.6890, 67.2742, 39.5395**, and the grayscale version is **35.4691, 37.3163, 40.6374**.

A 20% lighter version of the original color is **74.6200, 59.1399, 102.0900**, and **26.3233, 15.6371, 31.3366** is the 20% darker color. If you saturate the color by 10%, you get **49.8901, 30.6066, 58.4134**, and if you desaturate by 10%, it is **57.0894, 42.5785, 68.2942**.

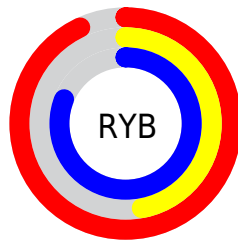
Distribution



Red (93%)

Green (47%)

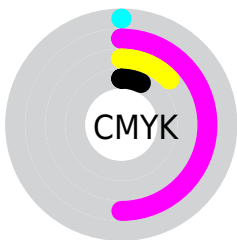
Blue (81%)



Red (93%)

Yellow (47%)

Blue (81%)

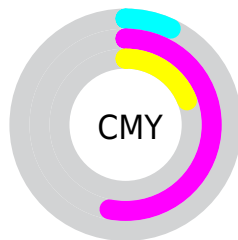


Cyan (0%)

Magenta (50%)

Yellow (13%)

Black (7%)



Cyan (7%)


Magenta (53%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1192, 35.8758, 63.1565 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 53.1192, 35.8758, 63.1565 by changing the saturation by 10% instead.


 53.1192, 35.8758,
63.1565


 53.1192, 35.8758,
63.1565

388.9957,
328.4174, 454.2608


 38.1258, 24.3383,
45.5260


 93.9442, 68.8403,
110.9830

 26.2580, 15.5848,
31.5260


 120.5066, 91.0361,
142.0161

 17.1504, 9.2308,
20.7379


 151.6560,
117.5535, 178.3539

 10.4378, 4.8920,
12.7432

187.7577,
148.7768, 220.4148

 5.7547, 2.1841,
7.1233

229.1772,
185.0904, 268.6174

 2.7357, 0.7113,
3.4597

276.2798,

 1.0156, 0.0000,

226.8788, 323.3802

1.3339

329.4308,
274.5263, 385.1218

■ 0.0000, 0.0000,
0.0893

■ 0.0000, 0.0000,
0.0000

■ 53.1192, 35.8758,
63.1565

■ 53.1192, 35.8758,
63.1565

■ 49.8901, 30.6066,
58.4134

■ 57.0894, 42.5785,
68.2942

■ 47.3445, 26.6577,
54.0431


■ 61.8460, 50.8064,
73.8422


■ 45.4214, 23.9072,
50.0237


■ 67.4347, 60.6498,
79.8177


■ 44.0469, 22.2082,
46.3291


■ 73.8965, 72.1901,
86.2359


 43.0966, 21.3120,
42.9159

 81.2697, 85.5035,
93.1112

 43.0964, 21.3118,
42.9151

 87.3801, 96.2413,
99.7205

 88.3388, 96.6247,
104.7687

 89.0702, 96.9173,
108.6201

Harmonies

Analogous

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



45.7781, 35.8758, 95.9929



53.1192, 35.8758, 63.1565



54.9832, 35.8758, 33.6371

Triad

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



53.1192, 35.8758, 63.1565



32.1477, 35.8758, 7.1737



21.7052, 35.8758, 77.7509

Complementary

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



53.1192, 35.8758, 63.1565



43.6890, 67.2742, 39.5395

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.



19.3121, 35.8758, 45.0423



53.1192, 35.8758, 63.1565



24.5970, 35.8758, 10.7545

Square

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



53.1192, 35.8758, 63.1565



41.7111, 35.8758, 8.5188



20.2660, 35.8758, 22.0392



27.4742, 35.8758, 106.7477

Rectangle

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



53.1192, 35.8758, 63.1565



52.6178, 35.8758, 20.5065



20.2660, 35.8758, 22.0392



20.5317, 35.8758, 66.3766

Sweetspot

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



53.1203, 35.8775, 63.1572



82.4753, 77.3516, 96.9978



34.3801, 25.7348, 84.0449



17.3162, 15.9555, 20.4242



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.



53.1203, 35.8775, 63.1572



58.2752, 35.6763, 68.1996



47.2630, 33.5346, 32.3131



16.2682, 15.9570, 18.9684



24.0990, 11.9120, 24.2356



2.0452, 1.0071, 2.2291

Inverse Universe

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



53.1203, 35.8775, 63.1572



58.2752, 35.6763, 68.1996



49.5997, 69.6385, 70.6647



16.2682, 15.9570, 18.9684



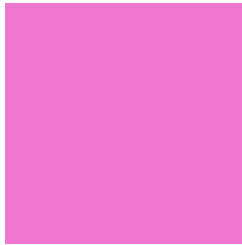
24.0990, 11.9120, 24.2356



2.0452, 1.0071, 2.2291

Previews

White Background



This preview shows how the XYZ color 53.1192, 35.8758, 63.1565 looks on a white background.

Color Contrast Check

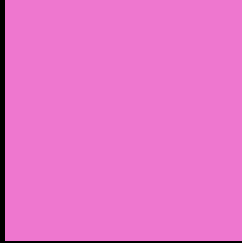
Large Text (above 18pt) WCAG AA × Fail

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 53.1192, 35.8758, 63.1565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

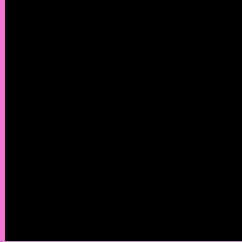
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1192, 35.8758, 63.1565

Background



This preview shows how black text looks on a background with the XYZ color 53.1192, 35.8758, 63.1565.



This preview shows how white text looks on a background with the XYZ color 53.1192, 35.8758,

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

53.1192, 35.8758, 63.1565

Protanopia

37.9841, 36.2036, 85.8749

Deuteranopia

36.9240, 36.2355, 59.6916



Tritanopia

46.3005, 35.7472, 30.4462

Trichromacy



Original Color

53.1192, 35.8758, 63.1565



Protanomaly

41.0720, 34.3768, 77.1437



Deuteranomaly

41.2463, 34.8231, 61.0475



Tritanomaly

48.5338, 35.6839, 40.4061

Monochromacy



Original Color

53.1192, 35.8758, 63.1565



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

40.5664, 35.6816, 47.9292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1192, 35.8758, 63.1565 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, 119, 207)` looks like.

```
.text, #text, p{  
    color:rgb(238, 119, 207)  
}
```

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, 119, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 119, 207) }
```

Border

The CSS property to change the border of an element to XYZ 53.1192, 35.8758, 63.1565 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, 119, 207) }
```


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

```
.border{ border-color:rgb(238, 119, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 119, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 119, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 119, 207);  
box-shadow:4px 4px 4px 4px rgb(238, 119,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1192, 35.8758, 63.1565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 119, 207) }
```

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

```
.background{ background-color: rgb(238,  
119, 207) }
```

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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