

Converting Colors

XYZ(58.3485, 35.3525, 71.4586)

Have a look what the booklet for XYZ(58.3485, 35.3525, 71.4586) contains.

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Color

**XYZ(58.3485, 35.3525,
71.4586)**

Conversions

Conversions Part 1

Format	Color
Hex	FE64DC
RGB	254, 100, 220
RGB Percent	100%, 39%, 86%
CMY	0.0039, 0.6078, 0.1373
CMYK	0.00, 0.61, 0.13, 0.00
HSL	313°, 99%, 69%
HSV	313°, 61%, 100%
XYZ	58.3485, 35.3525, 71.4586
YIQ	159.7260, 53.2640, 69.9680

Conversions

Conversions Part 2

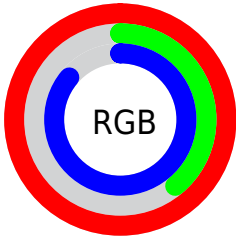
Format	Color
RYB	254, 100, 220
Decimal	16671964
CIELab	66.02, 71.40, -32.39
CIELCh	66, 78.404, 335.602
Yxy	35.3525, 0.3533, 0.2141
Android (android.graphics.Color)	4294862044 (0xFFFE64DC)
YUV	159.7260, 29.7151, 82.6783
Hunter-Lab	59.4580, 71.1178, -29.6362

Details

The XYZ color **58.3485, 35.3525, 71.4586** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **45.0022, 75.3154, 34.7227**, and the grayscale version is **33.1397, 34.8655, 37.9685**.

A 20% lighter version of the original color is **71.5169, 52.9337, 101.0556**, and **29.6117, 15.3300, 36.9956** is the 20% darker color. If you saturate the color by 10%, you get **55.5508, 30.9252, 66.9228**, and if you desaturate by 10%, it is **61.9326, 41.3113, 76.3800**.

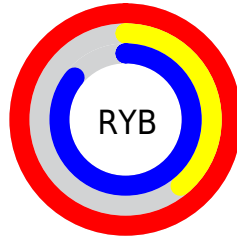
Distribution



Red (100%)

Green (39%)

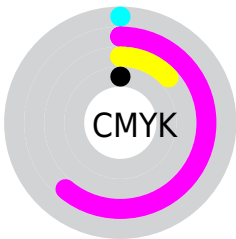
Blue (86%)



Red (100%)

Yellow (39%)

Blue (86%)

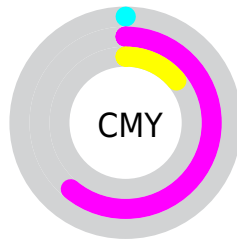


Cyan (0%)

Magenta (61%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (61%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3485, 35.3525, 71.4586 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 58.3485, 35.3525, 71.4586 by changing the saturation by 10% instead.


 58.3485, 35.3525,
71.4586

 58.3485, 35.3525,
71.4586

408.4162,
326.1215, 484.5818


 42.3332, 23.9345,
52.2324

 101.5502, 68.0315,
122.9870


 29.5546, 15.2851,
36.8068


 129.4674, 90.0613,
156.1264

 19.6471, 9.0197,
24.7634


 162.0826,
116.3972, 194.7405

 12.2456, 4.7540,
15.6834

 199.7612,
147.4235, 239.2479

 6.9845, 2.1037,
9.1485

242.8685,
183.5248, 290.0672

 3.4987, 0.6667,
4.7400

291.7698,

 1.4226, 0.0000,

225.0852, 347.6169

2.0395

346.8306,
272.4894, 412.3156

■ 0.2723, 0.0000,
0.5794

■ 0.0000, 0.0000,
0.0000

■ 58.3485, 35.3525,
71.4586

■ 58.3485, 35.3525,
71.4586

■ 55.5508, 30.9252,
66.9228

■ 61.9326, 41.3113,
76.3800

■ 53.4624, 27.8778,
62.7450


■ 66.3636, 48.9243,
81.7076

■ 51.9966, 26.0366,
58.8952

■ 71.7001, 58.3076,
87.4623

■ 51.0572, 25.1445,
55.5400

■ 77.9943, 69.5653,
93.6626

 85.2944, 82.7936,
100.3257

 93.6455, 98.0820,
107.4678

94.6834, 99.8110,
108.8828

Harmonies

Analogous

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



48.3677, 35.3525, 117.5413



58.3485, 35.3525, 71.4586



61.1213, 35.3525, 32.5757

Triad

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



58.3485, 35.3525, 71.4586



31.4663, 35.3525, 3.4665



18.5055, 35.3525, 89.0868

Complementary

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



58.3485, 35.3525, 71.4586



45.0022, 75.3154, 34.7227

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.



15.9023, 35.3525, 45.0864



58.3485, 35.3525, 71.4586



22.1954, 35.3525, 6.3768

Square

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



58.3485, 35.3525, 71.4586



43.7077, 35.3525, 4.6715



17.0778, 35.3525, 17.6406



25.1872, 35.3525, 131.1914

Rectangle

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



58.3485, 35.3525, 71.4586



58.0624, 35.3525, 16.9263



17.0778, 35.3525, 17.6406



17.2044, 35.3525, 73.3148

Sweetspot

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



58.3497, 35.3542, 71.4593



80.5259, 73.4944, 96.2204



32.1793, 21.2886, 96.1798



16.8017, 14.9477, 20.1876



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.



58.3497, 35.3542, 71.4593



55.4837, 30.3477, 66.4846



50.4378, 32.1895, 29.7961



18.6109, 18.2277, 21.8341



26.9755, 13.2795, 29.5851



2.6669, 1.3091, 3.0931

Inverse Universe

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



58.3497, 35.3542, 71.4593



55.4837, 30.3477, 66.4846



52.3775, 78.2656, 73.5606



18.6109, 18.2277, 21.8341



26.9755, 13.2795, 29.5851



2.6669, 1.3091, 3.0931

Previews

White Background



This preview shows how the XYZ color 58.3485, 35.3525, 71.4586 looks on a white background.

Color Contrast Check

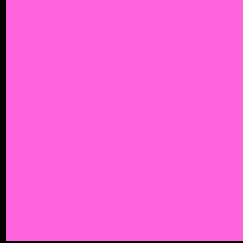
Large Text (above 18pt) WCAG AA × Fail

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 58.3485, 35.3525, 71.4586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

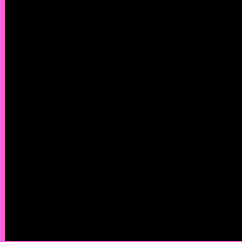
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.3485, 35.3525, 71.4586

Background



This preview shows how black text looks on a background with the XYZ color 58.3485, 35.3525, 71.4586.



This preview shows how white text looks on a background with the XYZ color 58.3485, 35.3525,

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

58.3485, 35.3525, 71.4586

Protanopia

38.4452, 35.8847, 99.5079

Deuteranopia

36.3792, 35.5464, 66.5718



Tritanopia

48.9040, 35.2443, 26.0551

Trichromacy



Original Color

58.3485, 35.3525, 71.4586



Protanomaly

41.7673, 32.9601, 88.1650



Deuteranomaly

41.5768, 33.3112, 67.8567



Tritanomaly

51.5430, 34.8983, 39.1414

Monochromacy



Original Color

58.3485, 35.3525, 71.4586



Achromatopsia

33.4132, 35.1533, 38.2819



Achromatomaly

39.7801, 33.0237, 48.5335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3485, 35.3525, 71.4586 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(254, 100, 220)` looks like.

```
.text, #text, p{  
    color:rgb(254, 100, 220)  
}
```

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(254, 100, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 100, 220) }
```

Border

The CSS property to change the border of an element to XYZ 58.3485, 35.3525, 71.4586 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(254, 100, 220) }
```


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

```
.border{ border-color:rgb(254, 100, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 100, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 100, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 100, 220);  
box-shadow:4px 4px 4px 4px rgb(254, 100,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3485, 35.3525, 71.4586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 100, 220) }
```

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

```
.background{ background-color: rgb(254,  
100, 220) }
```

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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