

Converting Colors

XYZ(52.4605, 35.3543, 42.4946)

Have a look what the booklet for
XYZ(52.4605, 35.3543, 42.4946)
contains.

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Color

**XYZ(52.5483, 35.3415,
42.5801)**

Conversions

Conversions Part 1

Format	Color
Hex	F973AB
RGB	249, 115, 171
RGB Percent	98%, 45%, 67%
CMY	0.0235, 0.5490, 0.3294
CMYK	0.00, 0.54, 0.31, 0.02
HSL	335°, 92%, 71%
HSV	335°, 54%, 98%
XYZ	52.5483, 35.3415, 42.5801
YIQ	161.4500, 61.8880, 45.8240

Conversions

Conversions Part 2

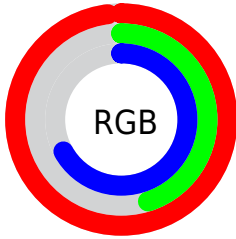
Format	Color
R _Y B	249, 115, 171
Decimal	16348075
CIE Lab	66.01, 56.86, -4.85
CIE LCh	66, 57.071, 355.122
Yxy	35.3415, 0.4028, 0.2709
Android (android.graphics.Color)	4294538155 (0xFFFF973AB)
YUV	161.4500, 4.7082, 76.7814
Hunter-Lab	59.4487, 53.7456, -0.8523

Details

The XYZ color **52.5483, 35.3415, 42.5801** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **50.5734, 75.2473, 62.3149**, and the grayscale version is **34.0455, 35.8185, 39.0064**.

A 20% lighter version of the original color is **69.5304, 55.8768, 79.0722**, and **25.8800, 15.2787, 19.0378** is the 20% darker color. If you saturate the color by 10%, you get **48.7759, 29.8878, 34.8758**, and if you desaturate by 10%, it is **57.2409, 42.3927, 51.3394**.

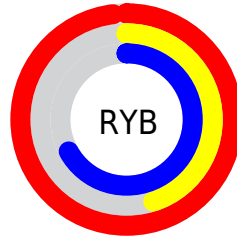
Distribution



Red (98%)

Green (45%)

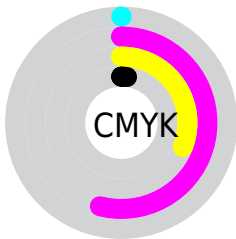
Blue (67%)



Red (98%)

Yellow (45%)

Blue (67%)

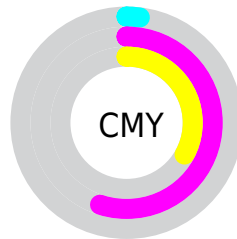


Cyan (0%)

Magenta (54%)

Yellow (31%)

Black (2%)



Cyan (2%)

Magenta (55%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.5483, 35.3415, 42.5801 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 52.5483, 35.3415, 42.5801 by changing the saturation by 10% instead.


 52.5483, 35.3415,
42.5801


 52.5483, 35.3415,
42.5801

386.8390,
326.0731, 372.7524


 37.6683, 23.9261,
29.2268

 93.1088, 68.0145,
80.3564

 25.9014, 15.2788,
19.0054


 119.5201, 90.0408,
105.6165

 16.8822, 9.0153,
11.4974

 150.5058,
116.3728, 135.6826

 10.2453, 4.7511,
6.2841

186.4314,
147.3950, 170.9733

 5.6254, 2.1020,
2.9470

227.6621,
183.4918, 211.9070

 2.6572, 0.6658,
1.0676

274.5634,

 0.9752, 0.0000,

225.0474, 258.9025

0.0000

327.5006,
272.4464, 312.3781

■ 0.0000, 0.0000,
0.0000

■ 52.5483, 35.3415,
42.5801

■ 52.5483, 35.3415,
42.5801

■ 48.7759, 29.8878,
34.8758

■ 57.2409, 42.3927,
51.3394

■ 45.8525, 25.8976,
28.1777

■ 62.9116, 51.1504,
61.1948

■ 43.7007, 23.2240,
22.4350

■ 69.6168, 61.7201,
72.1875

■ 42.2254, 21.6858,
17.5895

■ 77.4076, 74.1971,
84.3555

■ 41.5683, 21.1403,
15.0003

■ 86.3317, 88.6703,
97.7351

92.8769, 98.8797,
108.7983

Harmonies

Analogous

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



48.7833, 35.3415, 71.7459



52.5483, 35.3415, 42.5801



50.5789, 35.3415, 21.8956

Triad

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



52.5483, 35.3415, 42.5801



27.1466, 35.3415, 9.8333



25.1204, 35.3415, 90.7574

Complementary

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



52.5483, 35.3415, 42.5801



50.5734, 75.2473, 62.3149

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.



20.9093, 35.3415, 61.8451



52.5483, 35.3415, 42.5801



21.9341, 35.3415, 17.5138

Square

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



52.5483, 35.3415, 42.5801



34.9934, 35.3415, 8.2232



19.8487, 35.3415, 34.6536



32.2266, 35.3415, 106.0766

Rectangle

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



52.5483, 35.3415, 42.5801



46.4276, 35.3415, 14.0069



19.8487, 35.3415, 34.6536



23.3698, 35.3415, 81.8402

Sweetspot

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



52.5493, 35.3433, 42.5808



79.7963, 75.2381, 86.1029



44.7005, 30.1710, 93.0901



16.7078, 15.5071, 17.8531



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.



52.5493, 35.3433, 42.5808



51.0491, 30.9328, 35.8602



49.3621, 35.7781, 20.5262



17.5455, 17.3455, 19.4622



22.3179, 11.3429, 8.3825



2.1185, 1.0712, 1.0476

Inverse Universe

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



52.5493, 35.3433, 42.5808



51.0491, 30.9328, 35.8602



55.3500, 72.8447, 100.7657



17.5455, 17.3455, 19.4622



22.3179, 11.3429, 8.3825



2.1185, 1.0712, 1.0476

Previews

White Background



This preview shows how the XYZ color 52.5483, 35.3415, 42.5801 looks on a white background.

Color Contrast Check

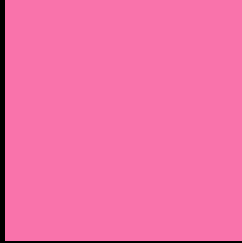
Large Text (above 18pt) WCAG AA × Fail

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 52.5483, 35.3415, 42.5801 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 52.5483, 35.3415, 42.5801

Background



This preview shows how black text looks on a background with the XYZ color 52.5483, 35.3415, 42.5801.



This preview shows how white text looks on a background with the XYZ color 52.5483, 35.3415,

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

52.5483, 35.3415, 42.5801

Protanopia

35.4694, 35.4991, 59.0154

Deuteranopia

36.2685, 35.5712, 40.0763



Tritanopia

49.2539, 35.4247, 26.0715

Trichromacy



Original Color

52.5483, 35.3415, 42.5801



Protanomaly

39.5013, 33.8838, 52.6024



Deuteranomaly

40.8570, 34.3963, 41.0450



Tritanomaly

50.2625, 35.2824, 31.3552

Monochromacy



Original Color

52.5483, 35.3415, 42.5801



Achromatopsia

33.8758, 35.6400, 38.8120



Achromatomaly

38.7571, 34.0006, 40.1174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5483, 35.3415, 42.5801 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(249, 115, 171)` looks like.

```
.text, #text, p{  
    color:rgb(249, 115, 171)  
}
```

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(249, 115, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 115, 171) }
```

Border

The CSS property to change the border of an element to XYZ 52.5483, 35.3415, 42.5801 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(249, 115, 171) }
```


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

```
.border{ border-color:rgb(249, 115, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 115, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 115, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 115, 171);  
box-shadow:4px 4px 4px 4px rgb(249, 115,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5483, 35.3415, 42.5801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 115, 171) }
```

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

```
.background{ background-color: rgb(249,  
115, 171) }
```

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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