

Converting Colors

XYZ(56.1914, 36.2338, 42.3915)

Have a look what the booklet for
XYZ(56.1914, 36.2338, 42.3915)
contains.

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Color

**XYZ(54.0593, 35.1376,
42.4611)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6DAB
RGB	255, 109, 171
RGB Percent	100%, 43%, 67%
CMY	0.0000, 0.5725, 0.3294
CMYK	0.00, 0.57, 0.33, 0.00
HSL	335°, 100%, 71%
HSV	335°, 57%, 100%
XYZ	54.0593, 35.1376, 42.4611
YIQ	159.7220, 67.1140, 50.2340

Conversions

Conversions Part 2

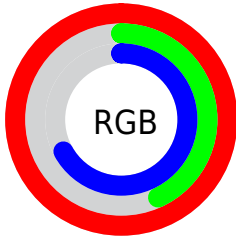
Format	Color
R _Y B	255, 109, 171
Decimal	16739755
CIE Lab	65.86, 61.44, -4.99
CIE LCh	66, 61.643, 355.358
Yxy	35.1376, 0.4106, 0.2669
Android (android.graphics.Color)	4294929835 (0xFFFF6DAB)
YUV	159.7220, 5.5601, 83.5588
Hunter-Lab	59.2770, 59.0534, -0.9765

Details

The XYZ color **54.0593, 35.1376, 42.4611** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **51.6942, 78.6223, 62.9077**, and the grayscale version is **33.2407, 34.9718, 38.0843**.

A 20% lighter version of the original color is **68.6037, 54.0234, 78.7633**, and **26.7185, 15.0824, 18.9557** is the 20% darker color. If you saturate the color by 10%, you get **50.4009, 29.9361, 34.7205**, and if you desaturate by 10%, it is **58.6637, 41.9824, 51.2837**.

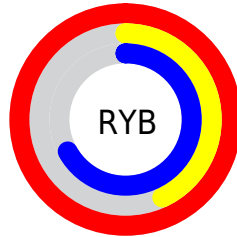
Distribution



Red (100%)

Green (43%)

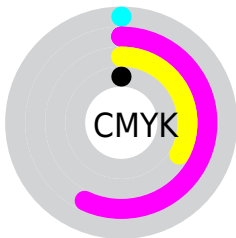
Blue (67%)



Red (100%)

Yellow (43%)

Blue (67%)

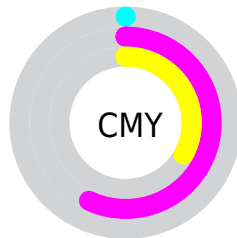


Cyan (0%)

Magenta (57%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.0593, 35.1376, 42.4611 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 54.0593, 35.1376, 42.4611 by changing the saturation by 10% instead.


 54.0593, 35.1376,
42.4611

 54.0593, 35.1376,
42.4611

392.5308,
325.1753, 372.2467


 38.8799, 23.7689,
29.1342

 95.3177, 67.6989,
80.1746

 26.8466, 15.1623,
18.9360

 122.1274, 89.6602,
105.3984

 17.5941, 8.9334,
11.4477


 153.5447,
115.9213, 135.4248

 10.7569, 4.6977,
6.2508

189.9347,
146.8664, 170.6725

 5.9697, 2.0710,
2.9270

231.6630,
182.8799, 211.5600

 2.8671, 0.6483,
1.0575

279.0949,

 1.0839, 0.0000,

224.3463, 258.5059

0.0000

332.5957,
271.6500, 311.9286

■ 0.0116, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0593, 35.1376,
42.4611

■ 54.0593, 35.1376,
42.4611

■ 50.4009, 29.9361,
34.7205

■ 58.6637, 41.9824,
51.2837

■ 47.6102, 26.2297,
28.0098

■ 64.2779, 50.5909,
61.2322

■ 45.6001, 23.8525,
22.2741

■ 70.9634, 61.0783,
72.3503

■ 44.2581, 22.5890,
17.4482

■ 78.7756, 73.5485,
84.6782

■ 43.9617, 22.3487,
16.2624

■ 87.7660, 88.0978,
98.2541

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



49.9681, 35.1376, 74.4177



54.0593, 35.1376, 42.4611



51.8442, 35.1376, 20.5543

Triad

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



54.0593, 35.1376, 42.4611



26.4473, 35.1376, 8.4849



24.4022, 35.1376, 96.1007

Complementary

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



54.0593, 35.1376, 42.4611



51.6942, 78.6223, 62.9077

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.



19.9450, 35.1376, 63.9961



54.0593, 35.1376, 42.4611



20.9666, 35.1376, 16.2513

Square

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



54.0593, 35.1376, 42.4611



34.8340, 35.1376, 6.8876



18.8118, 35.1376, 34.3435



32.0005, 35.1376, 113.1374

Rectangle

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



54.0593, 35.1376, 42.4611



47.2693, 35.1376, 12.5260



18.8118, 35.1376, 34.3435



22.5453, 35.1376, 86.1625

Sweetspot

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



54.0603, 35.1394, 42.4617



78.9871, 73.8886, 85.0042



45.1912, 29.3313, 97.8874



16.5494, 15.2416, 17.6418



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.



54.0603, 35.1394, 42.4617



49.8526, 29.1844, 33.4743



50.5668, 35.4965, 18.6568



18.3295, 18.1151, 20.3520



23.0419, 11.7060, 8.8710



2.2968, 1.1611, 1.1442

Inverse Universe

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



54.0603, 35.1394, 42.4617



49.8526, 29.1844, 33.4743



57.0910, 75.9384, 106.2562



18.3295, 18.1151, 20.3520



23.0419, 11.7060, 8.8710



2.2968, 1.1611, 1.1442

Previews

White Background



This preview shows how the XYZ color 54.0593, 35.1376, 42.4611 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 54.0593, 35.1376, 42.4611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

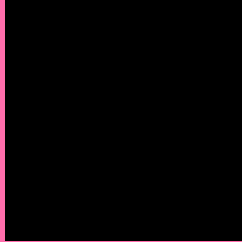
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0593, 35.1376, 42.4611

Background



This preview shows how black text looks on a background with the XYZ color 54.0593, 35.1376, 42.4611.



This preview shows how white text looks on a background with the XYZ color 54.0593, 35.1376,

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

54.0593, 35.1376, 42.4611

Protanopia

35.5721, 35.4976, 61.4768

Deuteranopia

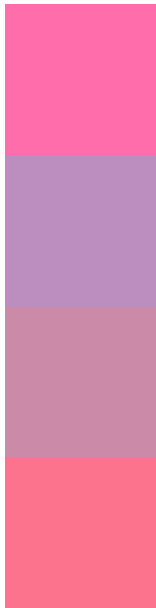
35.8777, 35.1217, 40.0102



Tritanopia

50.0280, 34.9725, 23.8523

Trichromacy



Original Color

54.0593, 35.1376, 42.4611

Protanomaly

39.6679, 33.5027, 53.6662

Deuteranomaly

40.6921, 33.6635, 40.9122

Tritanomaly

51.1581, 34.9099, 29.6331

Monochromacy



Original Color

54.0593, 35.1376, 42.4611

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.7314, 33.3322, 39.5143

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0593, 35.1376, 42.4611 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(255, 109, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 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(255, 109, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 171) }
```

Border

The CSS property to change the border of an element to XYZ 54.0593, 35.1376, 42.4611 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(255, 109, 171) }
```


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

```
.border{ border-color:rgb(255, 109, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 109, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0593, 35.1376, 42.4611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 171) }
```

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

```
.background{ background-color: rgb(255,  
109, 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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