

Converting Colors

XYZ(66.7062, 41.8104, 42.4866)

Have a look what the booklet for
XYZ(66.7062, 41.8104, 42.4866)
contains.

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Color

**XYZ(54.0716, 35.3141,
41.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6EAA
RGB	255, 110, 170
RGB Percent	100%, 43%, 67%
CMY	0.0000, 0.5686, 0.3333
CMYK	0.00, 0.57, 0.33, 0.00
HSL	335°, 100%, 72%
HSV	335°, 57%, 100%
XYZ	54.0716, 35.3141, 41.9966
YIQ	160.1950, 67.1600, 49.4000

Conversions

Conversions Part 2

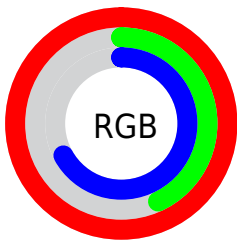
Format	Color
R_{YB}	255, 110, 170
Decimal	16740010
CIE _{Lab}	65.99, 60.88, -4.22
CIE _{LCh}	66, 61.029, 356.037
Yxy	35.3141, 0.4116, 0.2688
Android (android.graphics.Color)	4294930090 (0xFFFF6EAA)
YUV	160.1950, 4.8339, 83.1440
Hunter-Lab	59.4257, 58.4228, -0.3028

Details

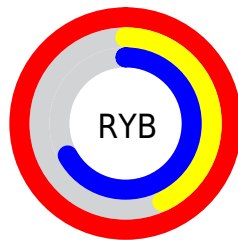
The XYZ color **54.0716, 35.3141, 41.9966** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.0426, 78.7760, 64.0965**, and the grayscale version is **33.4615, 35.2041, 38.3373**.

A 20% lighter version of the original color is **68.6493, 54.3337, 78.1034**, and **26.7461, 15.2333, 18.6702** is the 20% darker color. If you saturate the color by 10%, you get **50.3706, 30.0481, 34.1781**, and if you desaturate by 10%, it is **58.7267, 42.2307, 50.9272**.

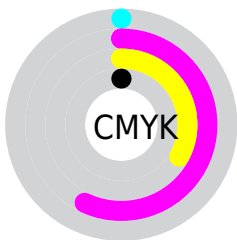
Distribution



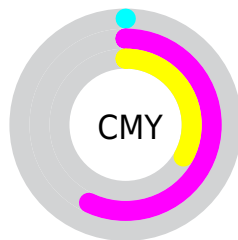
- Red (100%)
- Green (43%)
- Blue (67%)



- 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 54.0716, 35.3141, 41.9966 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 54.0716, 35.3141, 41.9966 by changing the saturation by 10% instead.


 54.0716, 35.3141,
41.9966

 54.0716, 35.3141,
41.9966

392.5769,
325.9526, 370.2681


 38.8898, 23.9049,
28.7731


 95.3356, 67.9721,
79.4645

 26.8544, 15.2631,
18.6651


 122.1486, 89.9897,
104.5460

 17.5999, 9.0043,
11.2542


 153.5693,
116.3122, 134.4172

 10.7611, 4.7440,
6.1218

189.9632,
147.3240, 169.4967

 5.9725, 2.0978,
2.8493

231.6955,
183.4096, 210.2030

 2.8689, 0.6634,
1.0182

279.1317,

 1.0848, 0.0000,

224.9533, 256.9546

0.0000

332.6370,
272.3395, 310.1701

■ 0.0123, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.0716, 35.3141,
41.9966

■ 54.0716, 35.3141,
41.9966

■ 50.3706, 30.0481,
34.1781

■ 58.7267, 42.2307,
50.9272

■ 47.5456, 26.2852,
27.4183

■ 64.3998, 50.9179,
61.0154

■ 45.5096, 23.8607,
21.6605

■ 71.1523, 61.4907,
72.3061

■ 44.1526, 22.5641,
16.8386

■ 79.0399, 74.0527,
84.8410

■ 43.8161, 22.2904,
15.4956

■ 88.1141, 88.7000,
98.6594

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.



50.1509, 35.3141, 73.5207



54.0716, 35.3141, 41.9966



51.7381, 35.3141, 20.4725

Triad

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



54.0716, 35.3141, 41.9966



26.4963, 35.3141, 8.8184



24.7579, 35.3141, 96.3078

Complementary

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



54.0716, 35.3141, 41.9966



52.0426, 78.7760, 64.0965

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.



20.2402, 35.3141, 64.7140



54.0716, 35.3141, 41.9966



21.1101, 35.3141, 16.8008

Square

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



54.0716, 35.3141, 41.9966



34.7812, 35.3141, 7.0956



19.0350, 35.3141, 35.1109



32.3775, 35.3141, 112.5980

Rectangle

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



54.0716, 35.3141, 41.9966



47.1407, 35.3141, 12.5911



19.0350, 35.3141, 35.1109



22.8833, 35.3141, 86.5874

Sweetspot

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



54.0726, 35.3159, 41.9972



78.9210, 73.8621, 84.6562



46.0258, 29.9207, 97.9572



16.5338, 15.2354, 17.5599



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.



54.0726, 35.3159, 41.9972



50.0057, 29.5458, 33.3547



51.0256, 36.3273, 19.0767



18.3210, 18.1117, 20.3077



22.9649, 11.6753, 8.4656



2.2888, 1.1579, 1.1024

Inverse Universe

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



54.0726, 35.3159, 41.9972



50.0057, 29.5458, 33.3547



56.5073, 74.5872, 106.0263



18.3210, 18.1117, 20.3077



22.9649, 11.6753, 8.4656



2.2888, 1.1579, 1.1024

Previews

White Background



This preview shows how the XYZ color 54.0716, 35.3141, 41.9966 looks on a white background.

Color Contrast Check

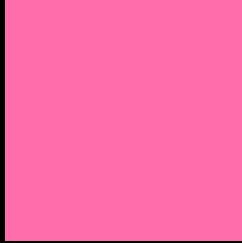
Large Text (above 18pt) WCAG AA × Fail

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 54.0716, 35.3141, 41.9966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

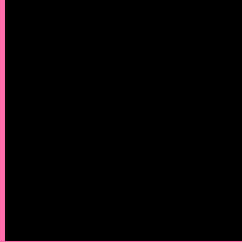
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.0716, 35.3141, 41.9966

Background



This preview shows how black text looks on a background with the XYZ color 54.0716, 35.3141, 41.9966.



This preview shows how white text looks on a background with the XYZ color 54.0716, 35.3141,

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

54.0716, 35.3141, 41.9966

Protanopia

35.5184, 35.4974, 60.2380

Deuteranopia

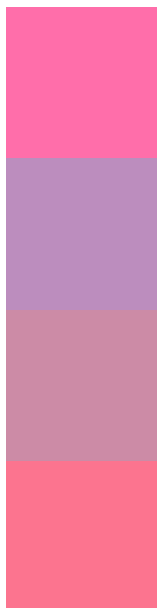
36.1785, 35.5352, 39.6025



Tritanopia

50.2113, 35.2352, 24.2333

Trichromacy



Original Color

54.0716, 35.3141, 41.9966

Protanomaly

39.5582, 33.4588, 53.0885

Deuteranomaly

41.0174, 34.0558, 40.4880

Tritanomaly

51.3482, 35.1694, 30.0686

Monochromacy



Original Color

54.0716, 35.3141, 41.9966

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

38.8795, 33.6284, 39.5637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.0716, 35.3141, 41.9966 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, 110, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 110, 170)  
}
```

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, 110, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 110, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.0716, 35.3141, 41.9966 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, 110, 170) }
```


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

```
.border{ border-color:rgb(255, 110, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 110, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 110, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 110, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 110,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.0716, 35.3141, 41.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 110, 170) }
```

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

```
.background{ background-color: rgb(255,  
110, 170) }
```

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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