

Converting Colors

XYZ(54.2769, 36.4674, 39.7755)

Have a look what the booklet for
XYZ(54.2769, 36.4674, 39.7755)
contains.

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Color

**XYZ(54.2769, 36.4674,
39.7755)**

Conversions

Conversions Part 1

Format	Color
Hex	FF74A5
RGB	255, 116, 165
RGB Percent	100%, 45%, 65%
CMY	0.0000, 0.5451, 0.3529
CMYK	0.00, 0.55, 0.35, 0.00
HSL	339°, 100%, 73%
HSV	339°, 55%, 100%
XYZ	54.2769, 36.4674, 39.7755
YIQ	163.1470, 67.1150, 44.7070

Conversions

Conversions Part 2

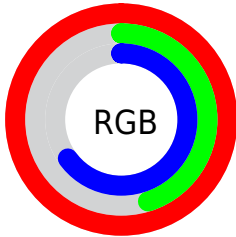
Format	Color
RYB	255, 116, 165
Decimal	16741541
CIELab	66.88, 57.60, -0.08
CIElCh	67, 57.600, 359.918
Yxy	36.4674, 0.4159, 0.2794
Android (android.graphics.Color)	4294931621 (0xFFFF74A5)
YUV	163.1470, 0.9135, 80.5551
Hunter-Lab	60.3882, 54.7562, 3.2196

Details

The XYZ color **54.2769, 36.4674, 39.7755** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.1050, 79.6901, 70.9273**, and the grayscale version is **34.8571, 36.6724, 39.9362**.

A 20% lighter version of the original color is **68.9108, 55.9324, 74.8742**, and **27.1022, 16.0261, 17.2877** is the 20% darker color. If you saturate the color by 10%, you get **50.3233, 30.8120, 31.5154**, and if you desaturate by 10%, it is **59.2331, 43.8172, 49.3278**.

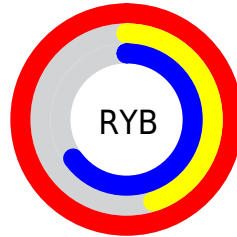
Distribution



Red (100%)

Green (45%)

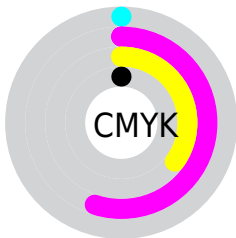
Blue (65%)



Red (100%)

Yellow (45%)

Blue (65%)

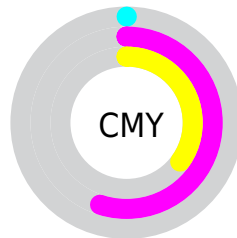


Cyan (0%)

Magenta (55%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.2769, 36.4674, 39.7755 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 54.2769, 36.4674, 39.7755 by changing the saturation by 10% instead.


 54.2769, 36.4674,
39.7755


 54.2769, 36.4674,
39.7755


393.3462,
330.9989, 360.7003

 39.0546, 24.7954,
27.0511


 95.6352, 69.7529,
76.0549

 26.9831, 15.9247,
17.3788


 122.5020, 92.1351,
100.4469

 17.6971, 9.4709,
10.3401


 153.9809,
118.8563, 129.5653

 10.8311, 5.0496,
5.5165

190.4374,
150.3007, 163.8285

 6.0198, 2.2764,
2.4894

232.2368,
186.8527, 203.6550

 2.8979, 0.7612,
0.8345

279.7445,

 1.1000, 0.0000,

228.8969, 249.4635

0.0000

333.3259,
276.8174, 301.6724

■ 0.0251, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.2769, 36.4674,
39.7755

■ 54.2769, 36.4674,
39.7755

■ 50.3233, 30.8120,
31.5154

■ 59.2331, 43.8172,
49.3278

■ 47.2941, 26.7068,
24.4840

■ 65.2560, 52.9787,
60.2271

■ 45.1037, 23.9932,
18.6145

■ 72.4075, 64.0652,
72.5271

■ 43.6471, 22.4743,
13.8304

■ 80.7440, 77.1792,
86.2777

■ 43.0805, 21.9962,
11.6221

■ 90.3177, 92.4157,
101.5262

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.



51.2882, 36.4674, 68.9666



54.2769, 36.4674, 39.7755



51.3193, 36.4674, 20.2494

Triad

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



54.2769, 36.4674, 39.7755



26.9530, 36.4674, 10.9350



26.9179, 36.4674, 97.4372

Complementary

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



54.2769, 36.4674, 39.7755



54.1050, 79.6901, 70.9273

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.



22.0651, 36.4674, 68.7949



54.2769, 36.4674, 39.7755



22.0828, 36.4674, 20.1736

Square

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



54.2769, 36.4674, 39.7755



34.6851, 36.4674, 8.4439



20.4526, 36.4674, 39.6382



34.6372, 36.4674, 109.6839

Rectangle

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



54.2769, 36.4674, 39.7755



46.6167, 36.4674, 13.1332



20.4526, 36.4674, 39.6382



24.9474, 36.4674, 88.9443

Sweetspot

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



54.2779, 36.4693, 39.7762



79.4217, 75.0882, 84.1302



49.2081, 32.5551, 98.2979



16.6190, 15.4715, 17.3854



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.



54.2779, 36.4693, 39.7762



50.1528, 30.5743, 31.1402



52.9928, 39.7211, 21.3994



18.2738, 18.0928, 20.0589



22.5743, 11.5190, 6.4090



2.2475, 1.1414, 0.8849

Inverse Universe

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



54.2779, 36.4693, 39.7762



50.1528, 30.5743, 31.1402



55.3838, 71.1941, 105.4305



18.2738, 18.0928, 20.0589



22.5743, 11.5190, 6.4090



2.2475, 1.1414, 0.8849

Previews

White Background



This preview shows how the XYZ color 54.2769, 36.4674, 39.7755 looks on a white background.

Color Contrast Check

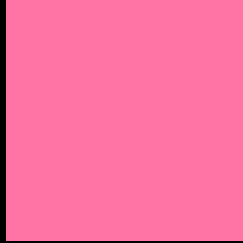
Large Text (above 18pt) WCAG AA × Fail

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 54.2769, 36.4674, 39.7755 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 54.2769, 36.4674, 39.7755

Background



This preview shows how black text looks on a background with the XYZ color 54.2769, 36.4674, 39.7755.



This preview shows how white text looks on a background with the XYZ color 54.2769, 36.4674,

39.7755.

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

54.2769, 36.4674, 39.7755

Protanopia

36.4506, 36.8590, 55.6454

Deuteranopia

37.4545, 36.7461, 37.4664



Tritanopia

51.3246, 36.5001, 25.8128

Trichromacy



Original Color

54.2769, 36.4674, 39.7755



Protanomaly

40.6650, 35.0072, 49.4135



Deuteranomaly

42.2679, 35.6280, 38.3673



Tritanomaly

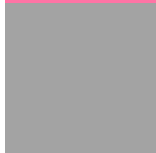
52.1824, 36.2988, 30.2426

Monochromacy



Original Color

54.2769, 36.4674, 39.7755



Achromatopsia

34.8123, 36.6253, 39.8849



Achromatomaly

39.7447, 34.9739, 39.7778

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.2769, 36.4674, 39.7755 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, 116, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 116, 165)  
}
```

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, 116, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 116, 165) }
```

Border

The CSS property to change the border of an element to XYZ 54.2769, 36.4674, 39.7755 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, 116, 165) }
```


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

```
.border{ border-color:rgb(255, 116, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 116, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 116, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 116, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 116,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 54.2769, 36.4674, 39.7755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 116, 165) }
```

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

```
.background{ background-color: rgb(255,  
116, 165) }
```

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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