

Converting Colors

XYZ(54.6699, 36.8660, 41.1003)

Have a look what the booklet for
XYZ(54.6699, 36.8660, 41.1003)
contains.

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Color

**XYZ(54.6692, 36.8097,
41.2694)**

Conversions

Conversions Part 1

Format	Color
Hex	FF75A8
RGB	255, 117, 168
RGB Percent	100%, 46%, 66%
CMY	0.0000, 0.5411, 0.3412
CMYK	0.00, 0.54, 0.34, 0.00
HSL	338°, 100%, 73%
HSV	338°, 54%, 100%
XYZ	54.6692, 36.8097, 41.2694
YIQ	164.0760, 65.8770, 45.1170

Conversions

Conversions Part 2

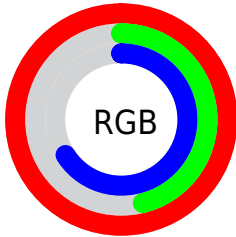
Format	Color
R_{YB}	255, 117, 168
Decimal	16741800
CIE Lab	67.13, 57.48, -1.40
CIE LCh	67, 57.500, 358.600
Yxy	36.8097, 0.4118, 0.2773
Android (android.graphics.Color)	4294931880 (0xFFFF75A8)
YUV	164.0760, 1.9345, 79.7403
Hunter-Lab	60.6710, 54.6679, 2.1397

Details

The XYZ color **54.6692, 36.8097, 41.2694** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **53.9970, 79.6624, 69.6615**, and the grayscale version is **35.2931, 37.1311, 40.4357**.

A 20% lighter version of the original color is **69.5029, 56.4749, 77.0496**, and **27.3268, 16.2005, 18.2097** is the 20% darker color. If you saturate the color by 10%, you get **50.6859, 31.0938, 33.0034**, and if you desaturate by 10%, it is **59.6486, 44.2214, 50.7818**.

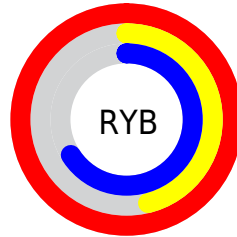
Distribution



Red (100%)

Green (46%)

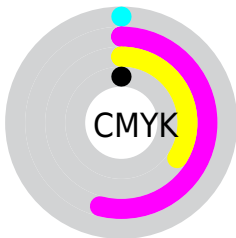
Blue (66%)



Red (100%)

Yellow (46%)

Blue (66%)

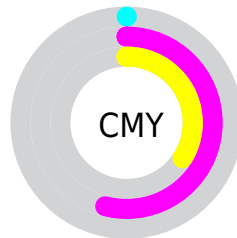


Cyan (0%)

Magenta (54%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (54%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.6692, 36.8097, 41.2694 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 54.6692, 36.8097, 41.2694 by changing the saturation by 10% instead.


 54.6692, 36.8097,
41.2694


 54.6692, 36.8097,
41.2694


394.8136,
332.4859, 367.1552


 39.3697, 25.0602,
28.2084


 96.2073, 70.2800,
78.3508

 27.2295, 16.1219,
18.2424


 123.1766, 92.7696,
103.2082

 17.8831, 9.6105,
10.9529


 154.7665,
119.6080, 132.8349

 10.9653, 5.1415,
5.9214

191.3425,
151.1796, 167.6493

 6.1106, 2.3305,
2.7293

233.2698,
187.8688, 208.0700

 2.9538, 0.7898,
0.9581

280.9139,

 1.1294, 0.0000,

230.0600, 254.5155

0.0000

334.6400,
278.1375, 307.4044

■ 0.0495, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6692, 36.8097,
41.2694

■ 54.6692, 36.8097,
41.2694

■ 50.6859, 31.0938,
33.0034

■ 59.6486, 44.2214,
50.7818

■ 47.6217, 26.9306,
25.9238

■ 65.6874, 53.4454,
61.5922

■ 45.3923, 24.1625,
19.9677

■ 72.8470, 64.5946,
73.7512

■ 43.8941, 22.5951,
15.0630

■ 81.1828, 77.7707,
87.3061

■ 43.2708, 22.0723,
12.6240

■ 90.7467, 93.0685,
102.3015

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.



51.4212, 36.8097, 70.8288



54.6692, 36.8097, 41.2694



51.9549, 36.8097, 21.1398

Triad

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



54.6692, 36.8097, 41.2694



27.5276, 36.8097, 10.8948



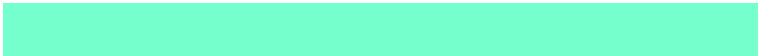
26.9247, 36.8097, 96.9573

Complementary

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



54.6692, 36.8097, 41.2694



53.9970, 79.6624, 69.6615

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.



22.1848, 36.8097, 67.8873



54.6692, 36.8097, 41.2694



22.4898, 36.8097, 19.8353

Square

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



54.6692, 36.8097, 41.2694



35.3996, 36.8097, 8.6121



20.7058, 36.8097, 38.9127



34.5767, 36.8097, 110.2239

Rectangle

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



54.6692, 36.8097, 41.2694



47.3482, 36.8097, 13.6933



20.7058, 36.8097, 38.9127



24.9887, 36.8097, 88.2411

Sweetspot

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



54.6701, 36.8115, 41.2701



79.5188, 75.1271, 84.6416



48.7972, 32.5153, 98.3119



16.6420, 15.4807, 17.5065



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.



54.6701, 36.8115, 41.2701



50.3786, 30.6646, 32.3296



52.8535, 39.3488, 21.6414



18.2869, 18.0981, 20.1279



22.6757, 11.5596, 6.9426



2.2584, 1.1457, 0.9424

Inverse Universe

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



54.6701, 36.8115, 41.2701



50.3786, 30.6646, 32.3296



56.2246, 72.6774, 105.6725



18.2869, 18.0981, 20.1279



22.6757, 11.5596, 6.9426



2.2584, 1.1457, 0.9424

Previews

White Background



This preview shows how the XYZ color 54.6692, 36.8097, 41.2694 looks on a white background.

Color Contrast Check

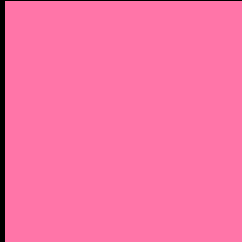
Large Text (above 18pt) WCAG AA × Fail

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 54.6692, 36.8097, 41.2694 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 54.6692, 36.8097, 41.2694

Background



This preview shows how black text looks on a background with the XYZ color 54.6692, 36.8097, 41.2694.



This preview shows how white text looks on a background with the XYZ color 54.6692, 36.8097,

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

54.6692, 36.8097, 41.2694

Protanopia

36.7888, 36.9943, 57.4262

Deuteranopia

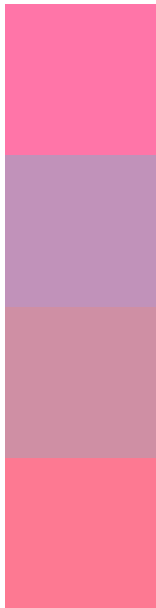
37.4823, 36.7302, 38.8323



Tritanopia

51.5862, 36.8042, 26.5753

Trichromacy



Original Color

54.6692, 36.8097, 41.2694

Protanomaly

41.1341, 35.4404, 51.1271

Deuteranomaly

42.2554, 35.5907, 39.7645

Tritanomaly

52.5337, 36.6327, 31.4961

Monochromacy



Original Color

54.6692, 36.8097, 41.2694

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

40.2512, 35.4544, 40.3192

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6692, 36.8097, 41.2694 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, 117, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 168)  
}
```

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, 117, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 168) }
```

Border

The CSS property to change the border of an element to XYZ 54.6692, 36.8097, 41.2694 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, 117, 168) }
```


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

```
.border{ border-color:rgb(255, 117, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6692, 36.8097, 41.2694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 168) }
```

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

```
.background{ background-color: rgb(255,  
117, 168) }
```

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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