

Converting Colors

XYZ(55.5173, 36.7356, 47.0096)

Have a look what the booklet for
XYZ(55.5173, 36.7356, 47.0096)
contains.

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Color

**XYZ(55.5074, 36.7761,
46.8208)**

Conversions

Conversions Part 1

Format	Color
Hex	FF73B3
RGB	255, 115, 179
RGB Percent	100%, 45%, 70%
CMY	0.0000, 0.5490, 0.2980
CMYK	0.00, 0.55, 0.30, 0.00
HSL	333°, 100%, 73%
HSV	333°, 55%, 100%
XYZ	55.5074, 36.7761, 46.8208
YIQ	164.1560, 62.8960, 49.5840

Conversions

Conversions Part 2

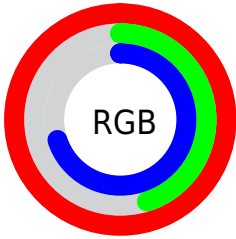
Format	Color
R_{YB}	255, 115, 179
Decimal	16741299
CIE Lab	67.11, 59.71, -7.67
CIE LCh	67, 60.197, 352.682
Yxy	36.7761, 0.3990, 0.2644
Android (android.graphics.Color)	4294931379 (0xFFFF73B3)
YUV	164.1560, 7.3181, 79.6702
Hunter-Lab	60.6433, 57.2570, -3.3256

Details

The XYZ color **55.5074, 36.7761, 46.8208** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.2360, 78.9272, 61.7755**, and the grayscale version is **35.3074, 37.1461, 40.4521**.

A 20% lighter version of the original color is **70.7983, 56.3840, 85.7490**, and **27.7846, 16.1346, 21.3885** is the 20% darker color. If you saturate the color by 10%, you get **51.6606, 31.2119, 38.9741**, and if you desaturate by 10%, it is **60.3007, 44.0082, 55.6773**.

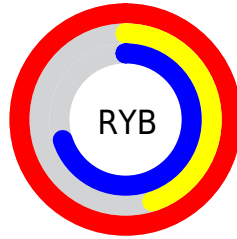
Distribution



Red (100%)

Green (45%)

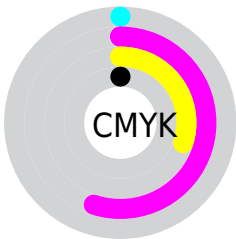
Blue (70%)



Red (100%)

Yellow (45%)

Blue (70%)

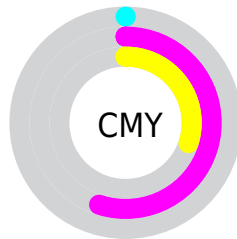


Cyan (0%)

Magenta (55%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (55%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5074, 36.7761, 46.8208 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 55.5074, 36.7761, 46.8208 by changing the saturation by 10% instead.


 55.5074, 36.7761,
46.8208


 55.5074, 36.7761,
46.8208


397.9376,
332.3401, 390.4718


 40.0436, 25.0342,
32.5407


 97.4280, 70.2283,
86.7933

 27.7569, 16.1025,
21.5066


 124.6154, 92.7074,
113.3227

 18.2820, 9.5967,
13.3000


 156.4414,
119.5343, 144.7723

 11.2535, 5.1324,
7.5023

193.2714,
151.0934, 181.5606

 6.3062, 2.3252,
3.6950

235.4706,
187.7692, 224.1061

 3.0746, 0.7870,
1.4595

283.4045,

 1.1933, 0.0000,

229.9459, 272.8275

0.1875

337.4384,
278.0081, 328.1432

■ 0.1011, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5074, 36.7761,
46.8208

■ 55.5074, 36.7761,
46.8208

■ 51.6606, 31.2119,
38.9741

■ 60.3007, 44.0082,
55.6773

■ 48.6853, 27.1722,
32.0907

■ 66.1019, 53.0250,
65.5824

■ 46.4986, 24.4986,
26.1222

■ 72.9705, 63.9389,
76.5751

■ 44.9986, 22.9939,
21.0119

■ 80.9600, 76.8517,
88.6912

■ 44.4254, 22.5342,
18.7040

■ 90.1206, 91.8577,
101.9649

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.



50.9250, 36.7761, 79.0905



55.5074, 36.7761, 46.8208



53.8641, 36.7761, 23.5643

Triad

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



55.5074, 36.7761, 46.8208



28.5902, 36.7761, 9.1962



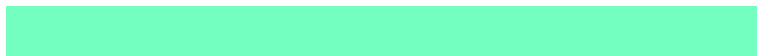
25.3232, 36.7761, 95.0809

Complementary

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



55.5074, 36.7761, 46.8208



52.2360, 78.9272, 61.7755

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.



21.0866, 36.7761, 62.8269



55.5074, 36.7761, 46.8208



22.7299, 36.7761, 16.5789

Square

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



55.5074, 36.7761, 46.8208



37.2474, 36.7761, 7.9477



20.2279, 36.7761, 33.9529



32.7579, 36.7761, 113.8524

Rectangle

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



55.5074, 36.7761, 46.8208



49.5746, 36.7761, 14.6489



20.2279, 36.7761, 33.9529



23.5350, 36.7761, 84.9248

Sweetspot

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



55.5084, 36.7779, 46.8215



80.0238, 75.3291, 87.3011



45.3345, 30.3879, 98.0838



16.7619, 15.5287, 18.1377



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.



55.5084, 36.7779, 46.8215



51.2917, 30.6950, 38.1698



51.0123, 35.8527, 20.4536



18.3547, 18.1252, 20.4850



23.2865, 11.8039, 10.1590



2.3217, 1.1710, 1.2752

Inverse Universe

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



55.5084, 36.7779, 46.8215



51.2917, 30.6950, 38.1698



59.4106, 79.4441, 106.8107



18.3547, 18.1252, 20.4850



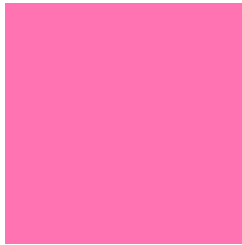
23.2865, 11.8039, 10.1590



2.3217, 1.1710, 1.2752

Previews

White Background



This preview shows how the XYZ color 55.5074, 36.7761, 46.8208 looks on a white background.

Color Contrast Check

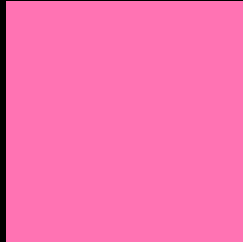
Large Text (above 18pt) WCAG AA × Fail

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 55.5074, 36.7761, 46.8208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

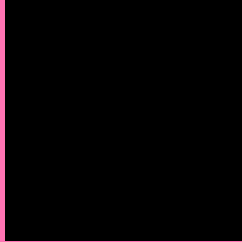
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5074, 36.7761, 46.8208

Background



This preview shows how black text looks on a background with the XYZ color 55.5074, 36.7761, 46.8208.



This preview shows how white text looks on a background with the XYZ color 55.5074, 36.7761,

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

55.5074, 36.7761, 46.8208

Protanopia

37.3157, 37.0731, 66.1618

Deuteranopia

37.7490, 37.0049, 44.1828



Tritanopia

51.2250, 36.6180, 26.5584

Trichromacy



Original Color

55.5074, 36.7761, 46.8208



Protanomaly

41.4205, 35.1931, 58.6427



Deuteranomaly

42.7372, 35.7192, 45.1994



Tritanomaly

52.4873, 36.5722, 33.1469

Monochromacy



Original Color

55.5074, 36.7761, 46.8208



Achromatopsia

35.2861, 37.1238, 40.4278



Achromatomaly

40.4663, 35.2927, 42.2155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5074, 36.7761, 46.8208 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, 115, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 179)  
}
```

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, 115, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 179) }
```

Border

The CSS property to change the border of an element to XYZ 55.5074, 36.7761, 46.8208 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, 115, 179) }
```


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

```
.border{ border-color:rgb(255, 115, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5074, 36.7761, 46.8208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 179) }
```

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

```
.background{ background-color: rgb(255,  
115, 179) }
```

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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