

Converting Colors

XYZ(69.4350, 43.4623, 55.1899)

Have a look what the booklet for
XYZ(69.4350, 43.4623, 55.1899)
contains.

XYZ(56.7708, 36.9205, 54.5863)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.7708, 36.9205,
54.5863)**

Conversions

Conversions Part 1

Format	Color
Hex	FF71C1
RGB	255, 113, 193
RGB Percent	100%, 44%, 76%
CMY	0.0000, 0.5568, 0.2431
CMYK	0.00, 0.56, 0.24, 0.00
HSL	326°, 100%, 72%
HSV	326°, 56%, 100%
XYZ	56.7708, 36.9205, 54.5863
YIQ	164.5780, 58.9520, 54.9840

Conversions

Conversions Part 2

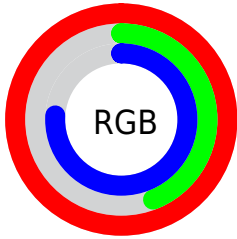
Format	Color
R_{YB}	255, 113, 193
Decimal	16740801
CIE _{Lab}	67.22, 62.39, -15.40
CIE _{LCh}	67, 64.259, 346.131
Yxy	36.9205, 0.3829, 0.2490
Android (android.graphics.Color)	4294930881 (0xFFFF71C1)
YUV	164.5780, 14.0120, 79.3001
Hunter-Lab	60.7622, 60.4405, -10.7301

Details

The XYZ color **56.7708, 36.9205, 54.5863** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **50.3096, 78.1266, 52.9893**, and the grayscale version is **35.4789, 37.3265, 40.6486**.

A 20% lighter version of the original color is **72.8700, 56.9116, 97.5868**, and **28.5321, 16.1986, 26.0489** is the 20% darker color. If you saturate the color by 10%, you get **53.1191, 31.5307, 47.4700**, and if you desaturate by 10%, it is **61.3168, 43.9491, 62.4629**.

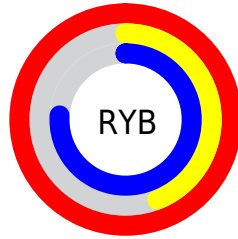
Distribution



Red (100%)

Green (44%)

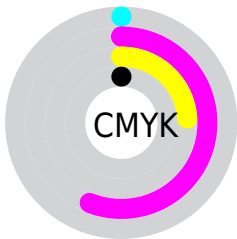
Blue (76%)



Red (100%)

Yellow (44%)

Blue (76%)

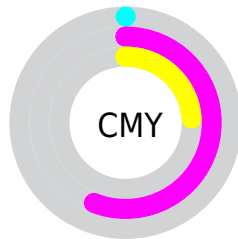


Cyan (0%)

Magenta (56%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (56%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.7708, 36.9205, 54.5863 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 56.7708, 36.9205, 54.5863 by changing the saturation by 10% instead.


 56.7708, 36.9205,
54.5863

 56.7708, 36.9205,
54.5863

402.6180,
332.9662, 421.5795


 41.0607, 25.1459,
38.6742


 99.2640, 70.4505,
98.3996

 28.5544, 16.1858,
26.2005


 126.7777, 92.9747,
127.1380

 18.8866, 9.6557,
16.7466


 158.9567,
119.8510, 160.9888

 11.6919, 5.1713,
9.8939

196.1663,
151.4636, 200.3707

 6.6049, 2.3481,
5.2240

238.7719,
188.1971, 245.7022

 3.2604, 0.7990,
2.3183

287.1388,

 1.2929, 0.0000,

230.4357, 297.4018

0.7414

341.6324,
278.5640, 355.8880

■ 0.1779, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7708, 36.9205,
54.5863

■ 56.7708, 36.9205,
54.5863

■ 53.1191, 31.5307,
47.4700

■ 61.3168, 43.9491,
62.4629

■ 50.2882, 27.6361,
41.0782

■ 66.8172, 52.7338,
71.1285

■ 48.1964, 25.0767,
35.3736

■ 73.3299, 63.3871,
80.6122

■ 46.7418, 23.6523,
30.3116

■ 80.9071, 76.0106,
90.9406

■ 46.2479, 23.2632,
28.3011

■ 89.5975, 90.6985,
102.1389

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.



50.5199, 36.9205, 90.4508



56.7708, 36.9205, 54.5863



56.5056, 36.9205, 26.9831

Triad

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



56.7708, 36.9205, 54.5863



30.1083, 36.9205, 7.4358



23.5774, 36.9205, 93.0654

Complementary

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



56.7708, 36.9205, 54.5863



50.3096, 78.1266, 52.9893

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.



19.9137, 36.9205, 57.1519



56.7708, 36.9205, 54.5863



23.1757, 36.9205, 13.1847

Square

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



56.7708, 36.9205, 54.5863



39.8093, 36.9205, 7.2580



19.7819, 36.9205, 28.5937



30.7626, 36.9205, 118.7433

Rectangle

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



56.7708, 36.9205, 54.5863



52.6344, 36.9205, 16.0222



19.7819, 36.9205, 28.5937



21.9572, 36.9205, 81.1988

Sweetspot

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



56.7717, 36.9222, 54.5870



79.8468, 74.2325, 89.5315



41.5316, 28.0925, 97.8412



16.7521, 15.3227, 18.7094



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.



56.7717, 36.9222, 54.5870



52.7011, 30.9356, 46.5877



50.6883, 34.4889, 22.5521



18.4380, 18.1585, 20.9237



24.2419, 12.1861, 15.1902



2.4153, 1.2085, 1.7682

Inverse Universe

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



56.7717, 36.9222, 54.5870



52.7011, 30.9356, 46.5877



59.1341, 81.6564, 99.4587



18.4380, 18.1585, 20.9237



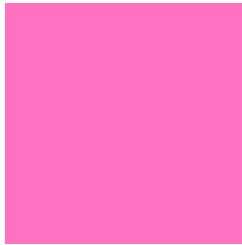
24.2419, 12.1861, 15.1902



2.4153, 1.2085, 1.7682

Previews

White Background



This preview shows how the XYZ color 56.7708, 36.9205, 54.5863 looks on a white background.

Color Contrast Check

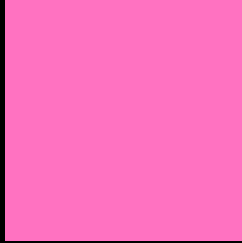
Large Text (above 18pt) WCAG AA × Fail

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 56.7708, 36.9205, 54.5863 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 56.7708, 36.9205, 54.5863

Background



This preview shows how black text looks on a background with the XYZ color 56.7708, 36.9205, 54.5863.



This preview shows how white text looks on a background with the XYZ color 56.7708, 36.9205,

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

56.7708, 36.9205, 54.5863

Protanopia

38.2871, 37.3160, 77.8578

Deuteranopia

38.0113, 37.2328, 51.6376



Tritanopia

51.2584, 36.9950, 27.3608

Trichromacy



Original Color

56.7708, 36.9205, 54.5863



Protanomaly

42.0062, 35.0432, 68.8400



Deuteranomaly

43.0952, 35.7366, 52.7706



Tritanomaly

52.9830, 36.7705, 35.7574

Monochromacy



Original Color

56.7708, 36.9205, 54.5863



Achromatopsia

35.7637, 37.6262, 40.9749



Achromatomaly

41.3055, 35.6587, 45.2632

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7708, 36.9205, 54.5863 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, 113, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 193)  
}
```

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, 113, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 193) }
```

Border

The CSS property to change the border of an element to XYZ 56.7708, 36.9205, 54.5863 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, 113, 193) }
```


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

```
.border{ border-color:rgb(255, 113, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7708, 36.9205, 54.5863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 193) }
```

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

```
.background{ background-color: rgb(255,  
113, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor