

Converting Colors

XYZ(92.2788, 57.7521, 47.1223)

Have a look what the booklet for
XYZ(92.2788, 57.7521, 47.1223)
contains.

XYZ(56.5373, 39.3163, 45.6833)	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(56.5373, 39.3163,
45.6833)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7EB0
RGB	255, 126, 176
RGB Percent	100%, 49%, 69%
CMY	0.0000, 0.5059, 0.3098
CMYK	0.00, 0.51, 0.31, 0.00
HSL	337°, 100%, 75%
HSV	337°, 51%, 100%
XYZ	56.5373, 39.3163, 45.6833
YIQ	170.2710, 60.8340, 42.8980

Conversions

Conversions Part 2

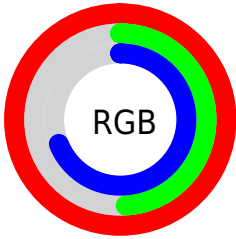
Format	Color
RYB	255, 126, 176
Decimal	16744112
CIELab	68.98, 54.21, -3.21
CIElCh	69, 54.306, 356.613
Yxy	39.3163, 0.3995, 0.2778
Android (android.graphics.Color)	4294934192 (0xFFFF7EB0)
YUV	170.2710, 2.8244, 74.3073
Hunter-Lab	62.7027, 51.2188, 0.6950

Details

The XYZ color **56.5373, 39.3163, 45.6833** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.3855, 80.3643, 70.3546**, and the grayscale version is **38.3100, 40.3051, 43.8922**.

A 20% lighter version of the original color is **72.5334, 60.5421, 84.2068**, and **28.3970, 17.5638, 20.9622** is the 20% darker color. If you saturate the color by 10%, you get **52.2248, 33.0235, 37.0557**, and if you desaturate by 10%, it is **61.8606, 47.3458, 55.5257**.

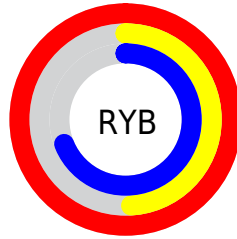
Distribution



Red (100%)

Green (49%)

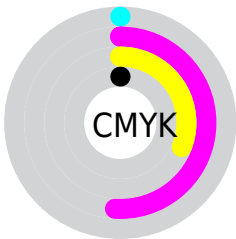
Blue (69%)



Red (100%)

Yellow (49%)

Blue (69%)

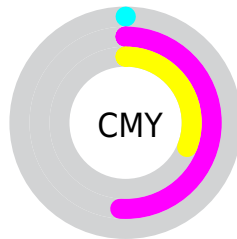


Cyan (0%)

Magenta (51%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5373, 39.3163, 45.6833 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 56.5373, 39.3163, 45.6833 by changing the saturation by 10% instead.


 56.5373, 39.3163,
45.6833

 56.5373, 39.3163,
45.6833


401.7555,
343.2334, 385.7745


 40.8726, 27.0059,
31.6491


 98.9250, 74.1213,
85.0741

 28.4068, 17.5776,
20.8310


 126.3787, 97.3846,
111.2678

 18.7745, 10.6472,
12.8105

 158.4927,
125.0677, 142.3518

 11.6105, 5.8301,
7.1690

195.6324,
157.5550, 178.7446

 6.5493, 2.7421,
3.4880

238.1632,
195.2308, 220.8647

 3.2257, 0.9986,
1.3489

286.4504,

 1.2742, 0.0000,

238.4795, 269.1307

0.1013

340.8594,
287.6856, 323.9611

■ 0.1638, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5373, 39.3163,
45.6833

■ 56.5373, 39.3163,
45.6833

■ 52.2248, 33.0235,
37.0557

■ 61.8606, 47.3458,
55.5257

■ 48.8495, 28.3303,
29.5876

■ 68.2549, 57.2238,
66.6300

■ 46.3321, 25.0883,
23.2217

■ 75.7791, 69.0594,
79.0432

■ 44.5775, 23.1179,
17.8932

■ 84.4871, 82.9516,
92.8089

■ 43.4840, 22.1576,
13.7468

94.4289, 98.9927,
107.9687

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.



53.0356, 39.3163, 74.7090



56.5373, 39.3163, 45.6833



54.2855, 39.3163, 24.8302

Triad

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



56.5373, 39.3163, 45.6833



30.4071, 39.3163, 12.7961



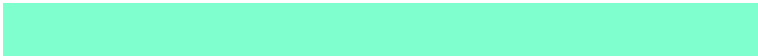
28.9486, 39.3163, 96.1227

Complementary

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



56.5373, 39.3163, 45.6833



55.3855, 80.3643, 70.3546

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.



24.3918, 39.3163, 67.8679



56.5373, 39.3163, 45.6833



25.1382, 39.3163, 21.5939

Square

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



56.5373, 39.3163, 45.6833



38.3596, 39.3163, 10.7044



23.1117, 39.3163, 40.0574



36.3955, 39.3163, 110.0756

Rectangle

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



56.5373, 39.3163, 45.6833



49.9884, 39.3163, 16.6974



23.1117, 39.3163, 40.0574



27.0750, 39.3163, 87.5556

Sweetspot

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



56.5384, 39.3183, 45.6840



80.4936, 76.5590, 86.5623



50.2503, 34.8968, 98.6950



16.8387, 15.7645, 17.9097



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.



56.5384, 39.3183, 45.6840



52.0667, 32.7980, 36.7233



54.2255, 41.2048, 24.8365



18.3008, 18.1036, 20.2011



22.7889, 11.6049, 7.5391



2.2705, 1.1506, 1.0057

Inverse Universe

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



56.5384, 39.3183, 45.6840



52.0667, 32.7980, 36.7233



58.4374, 75.2204, 106.0468



18.3008, 18.1036, 20.2011



22.7889, 11.6049, 7.5391



2.2705, 1.1506, 1.0057

Previews

White Background



This preview shows how the XYZ color 56.5373, 39.3163, 45.6833 looks on a white background.

Color Contrast Check

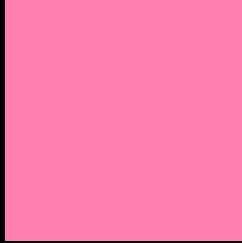
Large Text (above 18pt) WCAG AA × Fail

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 56.5373, 39.3163, 45.6833 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 56.5373, 39.3163, 45.6833

Background



This preview shows how black text looks on a background with the XYZ color 56.5373, 39.3163, 45.6833.



This preview shows how white text looks on a background with the XYZ color 56.5373, 39.3163,

45.6833.

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

56.5373, 39.3163, 45.6833

Protanopia

39.1773, 39.4788, 61.4324

Deuteranopia

40.1201, 39.2870, 43.4988



Tritanopia

53.4149, 39.4235, 30.3854

Trichromacy



Original Color

56.5373, 39.3163, 45.6833



Protanomaly

43.3596, 37.9088, 55.4839



Deuteranomaly

44.9311, 38.4929, 44.0915



Tritanomaly

54.3234, 39.1810, 35.2714

Monochromacy



Original Color

56.5373, 39.3163, 45.6833



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

43.0894, 38.5073, 44.1913

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5373, 39.3163, 45.6833 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, 126, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 176)  
}
```

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, 126, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 176) }
```

Border

The CSS property to change the border of an element to XYZ 56.5373, 39.3163, 45.6833 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, 126, 176) }
```


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

```
.border{ border-color:rgb(255, 126, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5373, 39.3163, 45.6833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 176) }
```

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

```
.background{ background-color: rgb(255,  
126, 176) }
```

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