

Converting Colors

XYZ(60.1196, 41.1673, 44.8331)

Have a look what the booklet for
XYZ(60.1196, 41.1673, 44.8331)
contains.

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Color

**XYZ(56.3408, 39.2377,
44.6485)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7EAE
RGB	255, 126, 174
RGB Percent	100%, 49%, 68%
CMY	0.0000, 0.5059, 0.3176
CMYK	0.00, 0.51, 0.32, 0.00
HSL	338°, 100%, 75%
HSV	338°, 51%, 100%
XYZ	56.3408, 39.2377, 44.6485
YIQ	170.0430, 61.4760, 42.2760

Conversions

Conversions Part 2

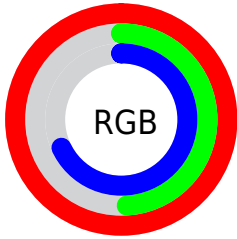
Format	Color
R_{YB}	255, 126, 174
Decimal	16744110
CIE _{Lab}	68.92, 53.97, -2.17
CIE _{LCh}	69, 54.011, 357.700
Yxy	39.2377, 0.4018, 0.2798
Android (android.graphics.Color)	4294934190 (0xFFFF7EAE)
YUV	170.0430, 1.9508, 74.5073
Hunter-Lab	62.6400, 50.9297, 1.5873

Details

The XYZ color **56.3408, 39.2377, 44.6485** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.6286, 80.4615, 71.6346**, and the grayscale version is **38.2003, 40.1897, 43.7666**.

A 20% lighter version of the original color is **72.1108, 60.3730, 81.9812**, and **28.2718, 17.5137, 20.3028** is the 20% darker color. If you saturate the color by 10%, you get **52.0166, 32.9402, 35.9590**, and if you desaturate by 10%, it is **61.6842, 47.2752, 54.5966**.

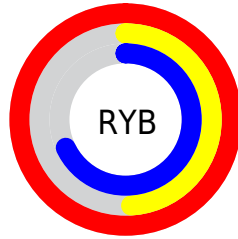
Distribution



Red (100%)

Green (49%)

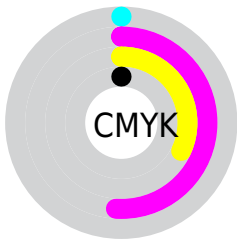
Blue (68%)



Red (100%)

Yellow (49%)

Blue (68%)

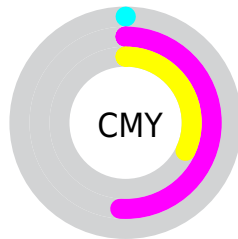


Cyan (0%)

Magenta (51%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3408, 39.2377, 44.6485 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 56.3408, 39.2377, 44.6485 by changing the saturation by 10% instead.


 56.3408, 39.2377,
44.6485


 56.3408, 39.2377,
44.6485


401.0288,
342.9000, 381.4666


 40.7143, 26.9447,
30.8397

 98.6396, 74.0013,
83.5055

 28.2826, 17.5317,
20.2194

 126.0426, 97.2407,
109.3909

 18.6803, 10.6143,
12.3690


 158.1019,
124.8977, 140.1389

 11.5422, 5.8081,
6.8699

195.1827,
157.3566, 176.1680

 6.5027, 2.7288,
3.3037

237.6504,
195.0019, 217.8967

 3.1966, 0.9918,
1.2517

285.8705,

 1.2586, 0.0000,

238.2180, 265.7438

0.0217

340.2081,
287.3892, 320.1275

■ 0.1519, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3408, 39.2377,
44.6485

■ 56.3408, 39.2377,
44.6485

■ 52.0166, 32.9402,
35.9590

■ 61.6842, 47.2752,
54.5966

■ 48.6373, 28.2454,
28.4701

■ 68.1073, 57.1647,
65.8531

■ 46.1232, 25.0047,
22.1217

■ 75.6697, 69.0156,
78.4671

■ 44.3786, 23.0383,
16.8457

■ 84.4255, 82.9270,
92.4846

■ 43.2999, 22.0840,
12.7774

94.4252, 98.9912,
107.9492

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.



53.0609, 39.2377, 73.2933



56.3408, 39.2377, 44.6485



53.9033, 39.2377, 24.2988

Triad

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



56.3408, 39.2377, 44.6485



30.1347, 39.2377, 13.0461



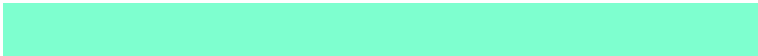
29.1502, 39.2377, 96.4419

Complementary

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



56.3408, 39.2377, 44.6485



55.6286, 80.4615, 71.6346

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.



24.5042, 39.2377, 68.6846



56.3408, 39.2377, 44.6485



25.0083, 39.2377, 22.1123

Square

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



56.3408, 39.2377, 44.6485



37.9606, 39.2377, 10.7552



23.1115, 39.2377, 40.8540



36.6358, 39.2377, 109.5152

Rectangle

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



56.3408, 39.2377, 44.6485



49.5444, 39.2377, 16.4272



23.1115, 39.2377, 40.8540



27.2507, 39.2377, 88.1008

Sweetspot

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



56.3419, 39.2397, 44.6492



80.4096, 76.5254, 86.1203



50.8415, 35.2015, 98.7227



16.8186, 15.7565, 17.8039



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.



56.3419, 39.2397, 44.6492



51.8581, 32.7146, 35.6249



54.5396, 41.8330, 24.9412



18.2888, 18.0988, 20.1382



22.6912, 11.5658, 7.0241



2.2601, 1.1464, 0.9511

Inverse Universe

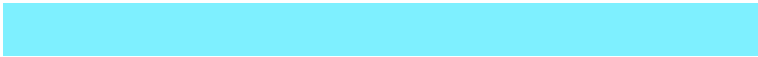
The Inverse Universe completely reimagines the original color for something new.



56.3419, 39.2397, 44.6492



51.8581, 32.7146, 35.6249



57.8009, 73.9475, 105.8346



18.2888, 18.0988, 20.1382



22.6912, 11.5658, 7.0241



2.2601, 1.1464, 0.9511

Previews

White Background



This preview shows how the XYZ color 56.3408, 39.2377, 44.6485 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 56.3408, 39.2377, 44.6485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

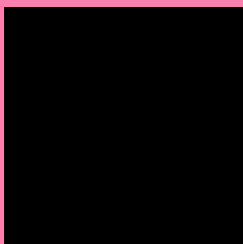
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3408, 39.2377, 44.6485

Background



This preview shows how black text looks on a background with the XYZ color 56.3408, 39.2377, 44.6485.



This preview shows how white text looks on a background with the XYZ color 56.3408, 39.2377,

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

56.3408, 39.2377, 44.6485

Protanopia

39.1443, 39.4889, 60.2026

Deuteranopia

40.1727, 39.3358, 42.5210



Tritanopia

53.2786, 39.1510, 30.3400

Trichromacy



Original Color

56.3408, 39.2377, 44.6485



Protanomaly

43.3972, 37.9538, 54.3288



Deuteranomaly

44.7404, 38.4166, 43.0873



Tritanomaly

54.3234, 39.1810, 35.2714

Monochromacy



Original Color

56.3408, 39.2377, 44.6485



Achromatopsia

38.2080, 40.1978, 43.7754



Achromatomaly

42.9937, 38.4690, 43.6873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3408, 39.2377, 44.6485 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 174) }
```

Border

The CSS property to change the border of an element to XYZ 56.3408, 39.2377, 44.6485 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, 174) }
```


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

```
.border{ border-color:rgb(255, 126, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3408, 39.2377, 44.6485 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, 174) }
```

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

```
.background{ background-color: rgb(255,  
126, 174) }
```

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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