

Converting Colors

XYZ(87.3064, 58.2469, 55.7412)

Have a look what the booklet for
XYZ(87.3064, 58.2469, 55.7412)
contains.

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Color

**XYZ(60.3170, 44.3676,
54.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8EBF
RGB	255, 142, 191
RGB Percent	100%, 56%, 75%
CMY	0.0000, 0.4431, 0.2510
CMYK	0.00, 0.44, 0.25, 0.00
HSL	334°, 100%, 78%
HSV	334°, 44%, 100%
XYZ	60.3170, 44.3676, 54.6750
YIQ	181.3730, 51.6190, 39.1950

Conversions

Conversions Part 2

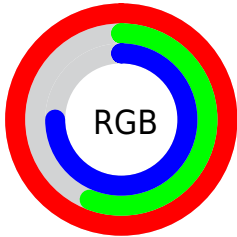
Format	Color
R _Y B	255, 142, 191
Decimal	16748223
CIE Lab	72.47, 48.32, -6.43
CIE LCh	72, 48.746, 352.425
Yxy	44.3676, 0.3785, 0.2784
Android (android.graphics.Color)	4294938303 (0xFFFF8EBF)
YUV	181.3730, 4.7461, 64.5709
Hunter-Lab	66.6090, 45.0728, -2.0410

Details

The XYZ color **60.3170, 44.3676, 54.6750** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **58.0578, 81.7279, 71.1113**, and the grayscale version is **44.0796, 46.3751, 50.5025**.

A 20% lighter version of the original color is **78.2226, 68.3636, 97.0684**, and **30.8421, 20.5502, 26.3858** is the 20% darker color. If you saturate the color by 10%, you get **55.4358, 37.0247, 45.5890**, and if you desaturate by 10%, it is **66.2249, 53.5128, 64.8776**.

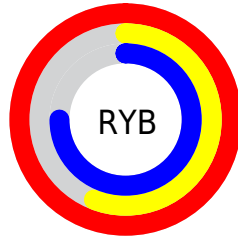
Distribution



Red (100%)

Green (56%)

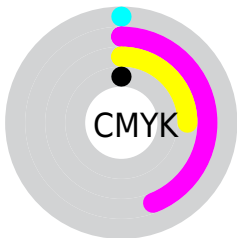
Blue (75%)



Red (100%)

Yellow (56%)

Blue (75%)

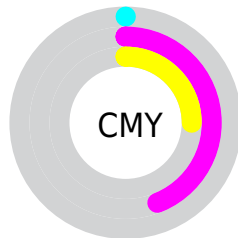


Cyan (0%)

Magenta (44%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (44%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.3170, 44.3676, 54.6750 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 60.3170, 44.3676, 54.6750 by changing the saturation by 10% instead.


 60.3170, 44.3676,
54.6750

 60.3170, 44.3676,
54.6750


415.5813,
364.2062, 421.9260

 43.9246, 30.9596,
38.7447

 104.3931, 81.7706,
98.5310

 30.8089, 20.5681,
26.2549


 132.8076,
106.5344, 127.2938

 20.6045, 12.8087,
16.7870


165.9601,
135.8523, 161.1712

 12.9460, 7.2969,
9.9224

204.2160,
170.1086, 200.5817

 7.4681, 3.6485,
5.2426

247.9408,
209.6877, 245.9439

 3.8055, 1.4789,
2.3291

297.4997,

 1.5927, 0.2738,

254.9741, 297.6763

0.7474

353.2580,
306.3522, 356.1975

■ 0.3876, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.3170, 44.3676,
54.6750

■ 60.3170, 44.3676,
54.6750

■ 55.4358, 37.0247,
45.5890

■ 66.2249, 53.5128,
64.8776

■ 51.5135, 31.3561,
37.5732

■ 73.2148, 64.5643,
76.2352

■ 48.4789, 27.2268,
30.5810

■ 81.3418, 77.6256,
88.7870

■ 46.2485, 24.4778,
24.5603

■ 90.6563, 92.7909,
102.5697

■ 44.7208, 22.9146, 95.0500, 100.0000,
19.4511 108.9000

■ 44.0855, 22.3982,
16.9144

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



56.3288, 44.3676, 82.4115



60.3170, 44.3676, 54.6750



58.9542, 44.3676, 32.7080

Triad

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



60.3170, 44.3676, 54.6750



36.2972, 44.3676, 16.8989



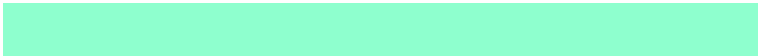
33.0575, 44.3676, 95.0954

Complementary

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



60.3170, 44.3676, 54.6750



58.0578, 81.7279, 71.1113

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.



28.9185, 44.3676, 68.2168



60.3170, 44.3676, 54.6750



30.6082, 44.3676, 25.2130

Square

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



60.3170, 44.3676, 54.6750



44.3380, 44.3676, 15.4071



28.0854, 44.3676, 42.4570



40.0740, 44.3676, 110.2957

Rectangle

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



60.3170, 44.3676, 54.6750



55.2688, 44.3676, 23.3167



28.0854, 44.3676, 42.4570



31.3240, 44.3676, 86.7720

Sweetspot

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



60.3181, 44.3697, 54.6759



82.4943, 79.4921, 90.5231



52.6678, 39.4270, 99.4420



17.2444, 16.3465, 18.7527



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.



60.3181, 44.3697, 54.6759



56.0197, 37.8894, 46.7183



56.6591, 44.2854, 31.1555



18.3364, 18.1179, 20.3887



23.1073, 11.7322, 9.2154



2.3035, 1.1638, 1.1795

Inverse Universe

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



60.3181, 44.3697, 54.6759



56.0197, 37.8894, 46.7183



63.1906, 80.9395, 106.9001



18.3364, 18.1179, 20.3887



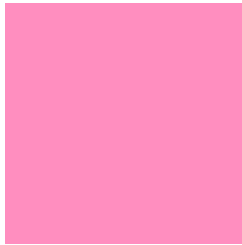
23.1073, 11.7322, 9.2154



2.3035, 1.1638, 1.1795

Previews

White Background



This preview shows how the XYZ color 60.3170, 44.3676, 54.6750 looks on a white background.

Color Contrast Check

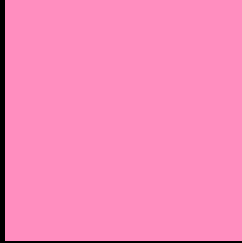
Large Text (above 18pt) WCAG AA × Fail

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 60.3170, 44.3676, 54.6750 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 60.3170, 44.3676, 54.6750

Background



This preview shows how black text looks on a background with the XYZ color 60.3170, 44.3676, 54.6750.



This preview shows how white text looks on a background with the XYZ color 60.3170, 44.3676,

54.6750.

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

60.3170, 44.3676, 54.6750

Protanopia

44.5270, 44.9063, 69.2717

Deuteranopia

45.5447, 44.6388, 52.6701



Tritanopia

56.9928, 44.3785, 38.3629

Trichromacy



Original Color

60.3170, 44.3676, 54.6750



Protanomaly

48.6520, 43.5153, 63.5927



Deuteranomaly

50.0218, 43.9186, 53.4177



Tritanomaly

58.1376, 44.3807, 44.0302

Monochromacy



Original Color

60.3170, 44.3676, 54.6750



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

48.5881, 44.5501, 51.9371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3170, 44.3676, 54.6750 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, 142, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 191)  
}
```

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, 142, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 191) }
```

Border

The CSS property to change the border of an element to XYZ 60.3170, 44.3676, 54.6750 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, 142, 191) }
```


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

```
.border{ border-color:rgb(255, 142, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3170, 44.3676, 54.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 191) }
```

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

```
.background{ background-color: rgb(255,  
142, 191) }
```

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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