

Converting Colors

XYZ(58.6570, 44.3978, 43.7935)

Have a look what the booklet for
XYZ(58.6570, 44.3978, 43.7935)
contains.

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Color

**XYZ(58.7161, 44.4511,
44.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	FF91AB
RGB	255, 145, 171
RGB Percent	100%, 57%, 67%
CMY	0.0000, 0.4313, 0.3294
CMYK	0.00, 0.43, 0.33, 0.00
HSL	346°, 100%, 78%
HSV	346°, 43%, 100%
XYZ	58.7161, 44.4511, 44.0133
YIQ	180.8540, 57.2140, 31.4060

Conversions

Conversions Part 2

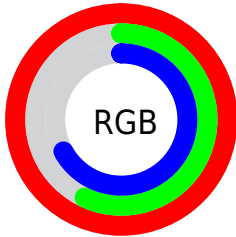
Format	Color
R_{YB}	255, 145, 171
Decimal	16748971
CIE _{Lab}	72.53, 44.25, 4.76
CIE _{LCh}	73, 44.501, 6.137
Yxy	44.4511, 0.3989, 0.3020
Android (android.graphics.Color)	4294939051 (0xFFFF91AB)
YUV	180.8540, -4.8580, 65.0260
Hunter-Lab	66.6717, 40.5252, 7.5299

Details

The XYZ color **58.7161, 44.4511, 44.0133** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.5820, 83.1979, 86.9463**, and the grayscale version is **43.8471, 46.1306, 50.2362**.

A 20% lighter version of the original color is **75.8541, 68.5243, 81.1801**, and **29.9219, 20.7220, 19.8754** is the 20% darker color. If you saturate the color by 10%, you get **53.5262, 36.8262, 33.7902**, and if you desaturate by 10%, it is **65.0562, 53.9384, 55.9700**.

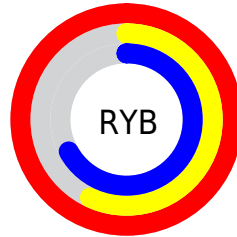
Distribution



Red (100%)

Green (57%)

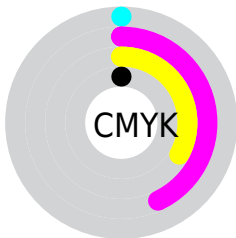
Blue (67%)



Red (100%)

Yellow (57%)

Blue (67%)

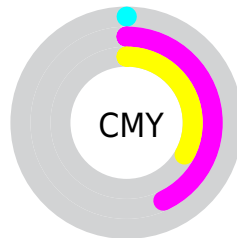


Cyan (0%)

Magenta (43%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.7161, 44.4511, 44.0133 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 58.7161, 44.4511, 44.0133 by changing the saturation by 10% instead.


 58.7161, 44.4511,
44.0133


 58.7161, 44.4511,
44.0133


409.7600,
364.5459, 378.8055

 42.6301, 31.0253,
30.3437

 102.0819, 81.8961,
82.5404

 29.7883, 20.6181,
19.8453


 130.0925,
106.6841, 108.2351

 19.8252, 12.8451,
12.0997


162.8086,
136.0283, 138.7751

 12.3756, 7.3220,
6.6883

200.5956,
170.3131, 174.5791

 7.0740, 3.6643,
3.1924

243.8189,
209.9228, 216.0656

 3.5552, 1.4876,
1.1937

292.8438,

 1.4537, 0.2800,

255.2420, 263.6531

0.0000

348.0357,
306.6549, 317.7603

■ 0.2940, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.7161, 44.4511,
44.0133

■ 58.7161, 44.4511,
44.0133

■ 53.5262, 36.8262,
33.7902

■ 65.0562, 53.9384,
55.9700

■ 49.4118, 30.9341,
25.2155

■ 72.6080, 65.3936,
69.7345

■ 46.2949, 26.6387,
18.2008

■ 81.4324, 78.9218,
85.3797

■ 44.0846, 23.7805,
12.6471

■ 91.5856, 94.6189,
102.9737

■ 42.6721, 22.1663, 95.0500, 100.0000,
8.4432 108.9000

■ 42.0626, 21.5890,
6.2616

Harmonies

Analogous

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



57.2603, 44.4511, 67.6244



58.7161, 44.4511, 44.0133



55.3466, 44.4511, 27.4812

Triad

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



58.7161, 44.4511, 44.0133



34.1182, 44.4511, 21.6296



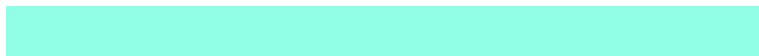
36.5474, 44.4511, 98.3536

Complementary

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



58.7161, 44.4511, 44.0133



61.5820, 83.1979, 86.9463

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.



31.4009, 44.4511, 77.9027



58.7161, 44.4511, 44.0133



30.1220, 44.4511, 33.2147

Square

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



58.7161, 44.4511, 44.0133



40.6887, 44.4511, 17.3316



29.1910, 44.4511, 53.0682



43.8496, 44.4511, 103.8700

Rectangle

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



58.7161, 44.4511, 44.0133



51.0325, 44.4511, 21.0709



29.1910, 44.4511, 53.0682



34.5368, 44.4511, 92.7489

Sweetspot

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



58.7173, 44.4533, 44.0141



81.5600, 79.1183, 85.6032



60.0135, 43.8856, 99.9154



17.0154, 16.2549, 17.5469



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.



58.7173, 44.4533, 44.0141



54.0596, 37.6018, 34.8655



61.2003, 53.0023, 33.7958



18.1853, 18.0574, 19.5928



22.0262, 11.2998, 3.5227



2.1848, 1.1163, 0.5547

Inverse Universe

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



58.7173, 44.4533, 44.0141



54.0596, 37.6018, 34.8655



57.3348, 68.4534, 104.7987



18.1853, 18.0574, 19.5928



22.0262, 11.2998, 3.5227



2.1848, 1.1163, 0.5547

Previews

White Background



This preview shows how the XYZ color 58.7161, 44.4511, 44.0133 looks on a white background.

Color Contrast Check

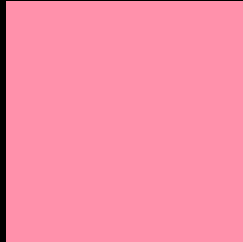
Large Text (above 18pt) WCAG AA × Fail

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 58.7161, 44.4511, 44.0133 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 58.7161, 44.4511, 44.0133

Background



This preview shows how black text looks on a background with the XYZ color 58.7161, 44.4511, 44.0133.



This preview shows how white text looks on a background with the XYZ color 58.7161, 44.4511,

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

58.7161, 44.4511, 44.0133

Protanopia

43.3765, 44.6270, 55.0429

Deuteranopia

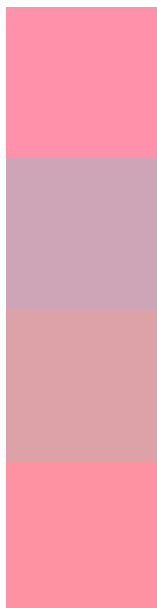
45.4549, 44.5376, 42.2773



Tritanopia

57.4783, 44.4069, 37.8897

Trichromacy



Original Color

58.7161, 44.4511, 44.0133

Protanomaly

47.4560, 43.4510, 50.6854

Deuteranomaly

49.5034, 43.8835, 42.9070

Tritanomaly

57.7628, 44.2729, 40.1514

Monochromacy



Original Color

58.7161, 44.4511, 44.0133

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

47.9509, 44.5895, 47.6743

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7161, 44.4511, 44.0133 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, 145, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 171)  
}
```

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, 145, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 171) }
```

Border

The CSS property to change the border of an element to XYZ 58.7161, 44.4511, 44.0133 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, 145, 171) }
```


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

```
.border{ border-color:rgb(255, 145, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7161, 44.4511, 44.0133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 171) }
```

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

```
.background{ background-color: rgb(255,  
145, 171) }
```

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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