

Converting Colors

XYZ(58.2866, 44.0373, 42.4974)

Have a look what the booklet for
XYZ(58.2866, 44.0373, 42.4974)
contains.

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Color

**XYZ(58.2811, 44.0337,
42.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	FF90A8
RGB	255, 144, 168
RGB Percent	100%, 56%, 66%
CMY	0.0000, 0.4353, 0.3412
CMYK	0.00, 0.44, 0.34, 0.00
HSL	347°, 100%, 78%
HSV	347°, 44%, 100%
XYZ	58.2811, 44.0337, 42.4734
YIQ	179.9250, 58.4520, 30.9960

Conversions

Conversions Part 2

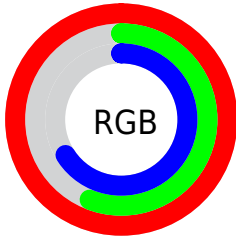
Format	Color
R _Y B	255, 144, 168
Decimal	16748712
CIE Lab	72.25, 44.39, 6.02
CIE LCh	72, 44.797, 7.728
Yxy	44.0337, 0.4025, 0.3041
Android (android.graphics.Color)	4294938792 (0xFFFF90A8)
YUV	179.9250, -5.8790, 65.8408
Hunter-Lab	66.3579, 40.6474, 8.5010

Details

The XYZ color **58.2811, 44.0337, 42.4734** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6875, 83.2197, 88.4176**, and the grayscale version is **43.3520, 45.6097, 49.6690**.

A 20% lighter version of the original color is **75.2136, 67.8963, 78.9531**, and **29.3991, 20.3452, 18.9005** is the 20% darker color. If you saturate the color by 10%, you get **53.1247, 36.4752, 32.2630**, and if you desaturate by 10%, it is **64.5983, 53.4554, 54.4837**.

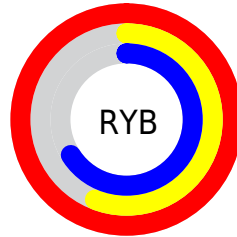
Distribution



Red (100%)

Green (56%)

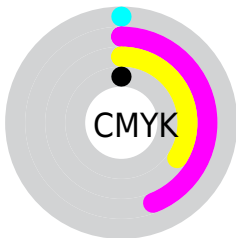
Blue (66%)



Red (100%)

Yellow (56%)

Blue (66%)

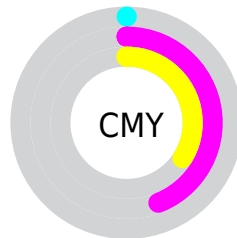


Cyan (0%)

Magenta (44%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2811, 44.0337, 42.4734 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 58.2811, 44.0337, 42.4734 by changing the saturation by 10% instead.


 58.2811, 44.0337,
42.4734


 58.2811, 44.0337,
42.4734


408.1696,
362.8458, 372.2990

 42.2788, 30.6970,
29.1438


 101.4527, 81.2685,
80.1934

 29.5117, 20.3682,
18.9431


 129.3527,
105.9353, 105.4209

 19.6145, 12.6630,
11.4528


161.9494,
135.1476, 135.4515

 12.2218, 7.1969,
6.2543

199.6080,
169.2899, 170.7036

 6.9682, 3.5855,
2.9290

242.6940,
208.7464, 211.5959

 3.4884, 1.4445,
1.0585

291.5727,

 1.4170, 0.2492,

253.9017, 258.5469

0.0000

346.6094,
305.1400, 311.9751

■ 0.2683, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2811, 44.0337,
42.4734

■ 58.2811, 44.0337,
42.4734

■ 53.1247, 36.4752,
32.2630

■ 64.5983, 53.4554,
54.4837

■ 49.0529, 30.6492,
23.7615

■ 72.1389, 64.8463,
68.3736

■ 45.9862, 26.4184,
16.8736

■ 80.9650, 78.3125,
84.2208

■ 43.8317, 23.6218,
11.4928

■ 91.1336, 93.9502,
102.0982

■ 42.4782, 22.0639, 95.0500, 100.0000,
7.4989 108.9000

■ 41.9325, 21.5370,
5.5770

Harmonies

Analogous

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



57.0812, 44.0337, 65.8525



58.2811, 44.0337, 42.4734



54.6707, 44.0337, 26.4206

Triad

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



58.2811, 44.0337, 42.4734



33.4411, 44.0337, 21.6457



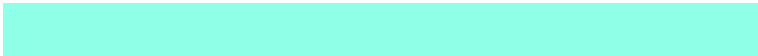
36.4950, 44.0337, 98.7790

Complementary

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



58.2811, 44.0337, 42.4734



61.6875, 83.2197, 88.4176

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.



31.2133, 44.0337, 78.8064



58.2811, 44.0337, 42.4734



29.6065, 44.0337, 33.6197

Square

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



58.2811, 44.0337, 42.4734



39.8958, 44.0337, 17.0344



28.8440, 44.0337, 53.8679



43.8726, 44.0337, 103.3401

Rectangle

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



58.2811, 44.0337, 42.4734



50.2546, 44.0337, 20.3134



28.8440, 44.0337, 53.8679



34.4437, 44.0337, 93.4031

Sweetspot

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



58.2823, 44.0359, 42.4742



81.4666, 79.0810, 85.1110



60.9637, 44.1496, 99.9162



16.9926, 16.2457, 17.4267



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.



58.2823, 44.0359, 42.4742



53.8399, 37.5140, 33.7090



61.6933, 54.1112, 33.5814



18.1701, 18.0513, 19.5127



21.9550, 11.2713, 3.1478



2.1759, 1.1127, 0.5078

Inverse Universe

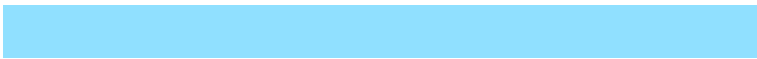
The Inverse Universe completely reimagines the original color for something new.



58.2823, 44.0359, 42.4742



53.8399, 37.5140, 33.7090



56.0882, 66.2207, 104.4334



18.1701, 18.0513, 19.5127



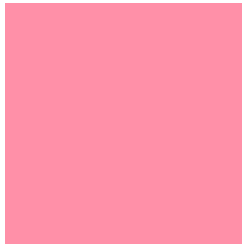
21.9550, 11.2713, 3.1478



2.1759, 1.1127, 0.5078

Previews

White Background



This preview shows how the XYZ color 58.2811, 44.0337, 42.4734 looks on a white background.

Color Contrast Check

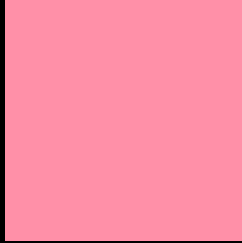
Large Text (above 18pt) WCAG AA × Fail

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 58.2811, 44.0337, 42.4734 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 58.2811, 44.0337, 42.4734

Background



This preview shows how black text looks on a background with the XYZ color 58.2811, 44.0337, 42.4734.



This preview shows how white text looks on a background with the XYZ color 58.2811, 44.0337,

42.4734.

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

58.2811, 44.0337, 42.4734

Protanopia

43.0519, 44.4971, 53.3334

Deuteranopia

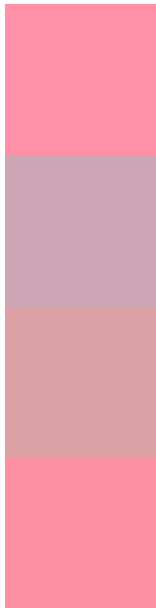
44.9932, 44.0495, 40.7813



Tritanopia

57.2377, 44.0629, 37.3865

Trichromacy



Original Color

58.2811, 44.0337, 42.4734

Protanomaly

47.1470, 43.3274, 49.0581

Deuteranomaly

49.0516, 43.4220, 41.3933

Tritanomaly

57.4315, 43.8948, 39.1638

Monochromacy



Original Color

58.2811, 44.0337, 42.4734

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

47.3873, 44.0374, 47.0768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2811, 44.0337, 42.4734 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, 144, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 168)  
}
```

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, 144, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 168) }
```

Border

The CSS property to change the border of an element to XYZ 58.2811, 44.0337, 42.4734 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, 144, 168) }
```


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

```
.border{ border-color:rgb(255, 144, 168) }
```

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

Here you see how a box with a 4 pixel rgb(255, 144, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2811, 44.0337, 42.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 168) }
```

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

```
.background{ background-color: rgb(255,  
144, 168) }
```

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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