

Converting Colors

XYZ(58.3757, 44.4006, 41.9569)

Have a look what the booklet for
XYZ(58.3757, 44.4006, 41.9569)
contains.

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Color

**XYZ(58.3405, 44.3008,
42.0353)**

Conversions

Conversions Part 1

Format	Color
Hex	FF91A7
RGB	255, 145, 167
RGB Percent	100%, 57%, 65%
CMY	0.0000, 0.4313, 0.3451
CMYK	0.00, 0.43, 0.35, 0.00
HSL	348°, 100%, 78%
HSV	348°, 43%, 100%
XYZ	58.3405, 44.3008, 42.0353
YIQ	180.3980, 58.4980, 30.1620

Conversions

Conversions Part 2

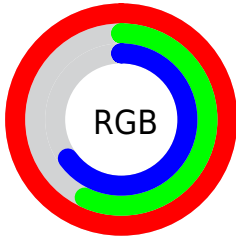
Format	Color
R _Y B	255, 145, 167
Decimal	16748967
CIE Lab	72.43, 43.77, 6.83
CIE LCh	72, 44.297, 8.876
Yxy	44.3008, 0.4032, 0.3062
Android (android.graphics.Color)	4294939047 (0xFFFF91A7)
YUV	180.3980, -6.6052, 65.4260
Hunter-Lab	66.5588, 39.9818, 9.1465

Details

The XYZ color **58.3405, 44.3008, 42.0353** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.1471, 83.4239, 89.9220**, and the grayscale version is **43.6098, 45.8809, 49.9643**.

A 20% lighter version of the original color is **75.3115, 68.3072, 78.3225**, and **29.4273, 20.4942, 18.6244** is the 20% darker color. If you saturate the color by 10%, you get **53.1324, 36.6687, 31.7169**, and if you desaturate by 10%, it is **64.7227, 53.8050, 54.2139**.

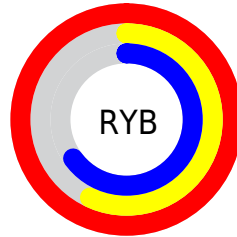
Distribution



Red (100%)

Green (57%)

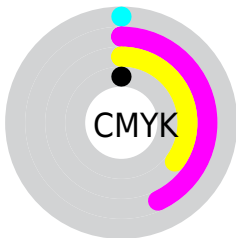
Blue (65%)



Red (100%)

Yellow (57%)

Blue (65%)

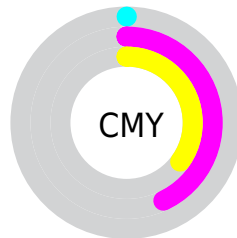


Cyan (0%)

Magenta (43%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3405, 44.3008, 42.0353 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 58.3405, 44.3008, 42.0353 by changing the saturation by 10% instead.

 58.3405, 44.3008,
42.0353


 58.3405, 44.3008,
42.0353


408.3870,
363.9343, 370.4332

 42.3268, 30.9071,
28.8032


 101.5387, 81.6702,
79.5237

 29.5495, 20.5281,
18.6877


 129.4538,
106.4146, 104.6171

 19.6432, 12.7795,
11.2703

162.0668,
135.7114, 134.5012

 12.2427, 7.2769,
6.1325

199.7430,
169.9449, 169.5948

 6.9826, 3.6359,
2.8557

242.8478,
209.4996, 210.3162

 3.4974, 1.4720,
1.0214

291.7464,

 1.4220, 0.2689,

254.7598, 257.0840

0.0000

346.8044,
306.1099, 310.3169

■ 0.2718, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3405, 44.3008,
42.0353

■ 58.3405, 44.3008,
42.0353

■ 53.1324, 36.6687,
31.7169

■ 64.7227, 53.8050,
54.2139

■ 49.0221, 30.7781,
23.1631

■ 72.3424, 65.2873,
68.3365

■ 45.9289, 26.4922,
16.2735

■ 81.2624, 78.8537,
84.4848

■ 43.7596, 23.6505,
10.9359

■ 91.5402, 94.6006,
102.7350

■ 42.4024, 22.0584, 95.0500, 100.0000,
7.0233 108.9000

■ 41.8373, 21.4989,
5.0754

Harmonies

Analogous

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



57.3387, 44.3008, 65.0300



58.3405, 44.3008, 42.0353



54.6006, 44.3008, 26.3673

Triad

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



58.3405, 44.3008, 42.0353



33.5483, 44.3008, 22.3500



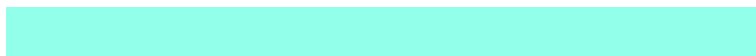
37.0344, 44.3008, 99.0438

Complementary

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



58.3405, 44.3008, 42.0353



62.1471, 83.4239, 89.9220

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.



31.6806, 44.3008, 79.7288



58.3405, 44.3008, 42.0353



29.8435, 44.3008, 34.6151

Square

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



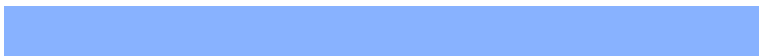
58.3405, 44.3008, 42.0353



39.8818, 44.3008, 17.4794



29.2037, 44.3008, 55.0184



44.4126, 44.3008, 102.8420

Rectangle

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



58.3405, 44.3008, 42.0353



50.1598, 44.3008, 20.4541



29.2037, 44.3008, 55.0184



34.9651, 44.3008, 93.9216

Sweetspot

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



58.3416, 44.3029, 42.0361



81.3916, 79.0510, 84.7162



61.7812, 44.7968, 99.9982



16.9743, 16.2384, 17.3304



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.



58.3416, 44.3029, 42.0361



53.6668, 37.4447, 32.7971



62.2727, 55.1472, 34.1532



18.1578, 18.0465, 19.4484



21.9026, 11.2503, 2.8714



2.1692, 1.1100, 0.4722

Inverse Universe

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



58.3416, 44.3029, 42.0361



53.6668, 37.4447, 32.7971



55.8501, 65.4840, 104.3038



18.1578, 18.0465, 19.4484



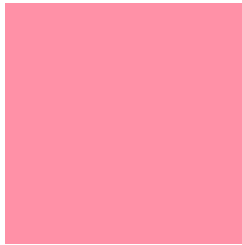
21.9026, 11.2503, 2.8714



2.1692, 1.1100, 0.4722

Previews

White Background



This preview shows how the XYZ color 58.3405, 44.3008, 42.0353 looks on a white background.

Color Contrast Check

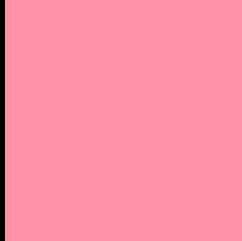
Large Text (above 18pt) WCAG AA × Fail

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 58.3405, 44.3008, 42.0353 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 58.3405, 44.3008, 42.0353

Background



This preview shows how black text looks on a background with the XYZ color 58.3405, 44.3008, 42.0353.



This preview shows how white text looks on a background with the XYZ color 58.3405, 44.3008,

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

58.3405, 44.3008, 42.0353

Protanopia

43.0695, 44.5308, 52.2242

Deuteranopia

45.3615, 44.5312, 40.3870



Tritanopia

57.3926, 44.3726, 37.4381

Trichromacy



Original Color

58.3405, 44.3008, 42.0353

Protanomaly

47.2231, 43.3900, 48.0057

Deuteranomaly

49.4400, 43.8931, 40.9884

Tritanomaly

57.5850, 44.2018, 39.2150

Monochromacy



Original Color

58.3405, 44.3008, 42.0353

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

47.2887, 43.9980, 46.5575

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3405, 44.3008, 42.0353 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 167) }
```

Border

The CSS property to change the border of an element to XYZ 58.3405, 44.3008, 42.0353 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, 167) }
```


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

```
.border{ border-color:rgb(255, 145, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3405, 44.3008, 42.0353 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
145, 167) }
```

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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