

Converting Colors

XYZ(111.1837, 71.9557,
42.7992)

Have a look what the booklet for
XYZ(111.1837, 71.9557, 42.7992)
contains.

XYZ(58.2846, 44.7718, 40.2202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.2846, 44.7718,
40.2202)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93A3
RGB	255, 147, 163
RGB Percent	100%, 58%, 64%
CMY	0.0000, 0.4235, 0.3608
CMYK	0.00, 0.42, 0.36, 0.00
HSL	351°, 100%, 79%
HSV	351°, 42%, 100%
XYZ	58.2846, 44.7718, 40.2202
YIQ	181.1160, 59.2320, 27.8720

Conversions

Conversions Part 2

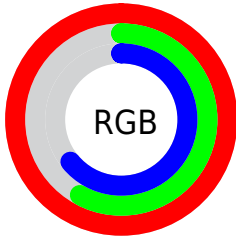
Format	Color
R _Y B	255, 147, 163
Decimal	16749475
CIE Lab	72.74, 42.28, 9.50
CIE LCh	73, 43.339, 12.663
Yxy	44.7718, 0.4068, 0.3125
Android (android.graphics.Color)	4294939555 (0xFFFF93A3)
YUV	181.1160, -8.9312, 64.7963
Hunter-Lab	66.9117, 38.3899, 11.1994

Details

The XYZ color **58.2846, 44.7718, 40.2202** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3748, 83.9560, 94.5310**, and the grayscale version is **44.0093, 46.3012, 50.4220**.

A 20% lighter version of the original color is **75.2508, 69.0338, 75.6884**, and **29.3776, 20.7552, 17.4967** is the 20% darker color. If you saturate the color by 10%, you get **52.9676, 36.9897, 29.6558**, and if you desaturate by 10%, it is **64.8171, 54.4496, 52.8401**.

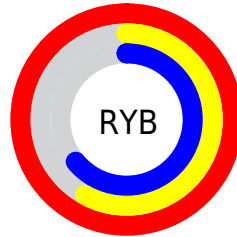
Distribution



Red (100%)

Green (58%)

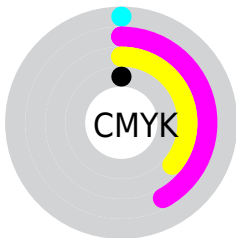
Blue (64%)



Red (100%)

Yellow (58%)

Blue (64%)

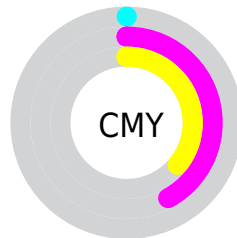


Cyan (0%)

Magenta (42%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2846, 44.7718, 40.2202 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 58.2846, 44.7718, 40.2202 by changing the saturation by 10% instead.


 58.2846, 44.7718,
40.2202

 58.2846, 44.7718,
40.2202


408.1824,
365.8486, 362.6305

 42.2816, 31.2777,
27.3952

 101.4578, 82.3779,
76.7395

 29.5140, 20.8104,
17.6352


 129.3587,
107.2586, 101.2708

 19.6162, 12.9855,
10.5217


161.9563,
136.7038, 130.5413

 12.2230, 7.4186,
5.6361

199.6160,
171.0977, 164.9695

 6.9690, 3.7252,
2.5599

242.7031,
210.8247, 204.9740

 3.4889, 1.5211,
0.8716

291.5829,

 1.4173, 0.3035,

256.2692, 250.9733

0.0000

346.6209,
307.8157, 303.3859

■ 0.2685, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2846, 44.7718,
40.2202

■ 58.2846, 44.7718,
40.2202

■ 52.9676, 36.9897,
29.6558

■ 64.8171, 54.4496,
52.8401

■ 48.7867, 30.9723,
21.0347

■ 72.6308, 66.1294,
67.6144

■ 45.6586, 26.5827,
14.2379

■ 81.7907, 79.9177,
84.6383

■ 43.4869, 23.6606,
9.1320

■ 92.3567, 95.9112,
104.0009

■ 42.1565, 22.0131, 95.0500, 100.0000,
5.5645 108.9000

■ 41.5861, 21.3984,
3.7525

Harmonies

Analogous

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



57.9088, 44.7718, 62.1649



58.2846, 44.7718, 40.2202



54.1017, 44.7718, 25.7198

Triad

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



58.2846, 44.7718, 40.2202



33.4853, 44.7718, 24.1911



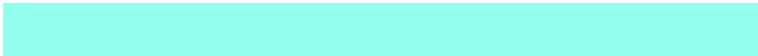
38.3878, 44.7718, 99.9479

Complementary

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



58.2846, 44.7718, 40.2202



63.3748, 83.9560, 94.5310

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.



32.7793, 44.7718, 82.5557



58.2846, 44.7718, 40.2202



30.1864, 44.7718, 37.4169

Square

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



58.2846, 44.7718, 40.2202



39.4616, 44.7718, 18.4722



29.9441, 44.7718, 58.4053



45.8044, 44.7718, 101.3659

Rectangle

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



58.2846, 44.7718, 40.2202



49.5484, 44.7718, 20.4328



29.9441, 44.7718, 58.4053



36.2513, 44.7718, 95.5839

Sweetspot

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



58.2858, 44.7740, 40.2211



81.1534, 78.9557, 83.4619



64.0143, 46.4057, 100.1910



16.9163, 16.2152, 17.0248



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.



58.2858, 44.7740, 40.2211



53.6174, 37.9346, 30.9662



63.8151, 57.9830, 35.4351



18.1190, 18.0309, 19.2437



21.7623, 11.1942, 2.1328



2.1499, 1.1023, 0.3706

Inverse Universe

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



58.2858, 44.7740, 40.2211



53.6174, 37.9346, 30.9662



54.9490, 63.1538, 103.9015



18.1190, 18.0309, 19.2437



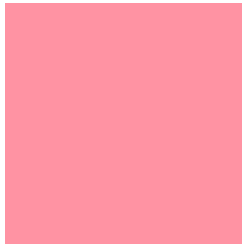
21.7623, 11.1942, 2.1328



2.1499, 1.1023, 0.3706

Previews

White Background



This preview shows how the XYZ color 58.2846, 44.7718, 40.2202 looks on a white background.

Color Contrast Check

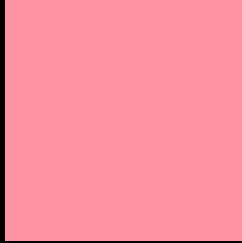
Large Text (above 18pt) WCAG AA × Fail

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 58.2846, 44.7718, 40.2202 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 58.2846, 44.7718, 40.2202

Background



This preview shows how black text looks on a background with the XYZ color 58.2846, 44.7718, 40.2202.



This preview shows how white text looks on a background with the XYZ color 58.2846, 44.7718,

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

58.2846, 44.7718, 40.2202

Protanopia

43.4500, 45.0812, 49.5915

Deuteranopia

45.9124, 44.8456, 39.0371



Tritanopia

58.0879, 44.9430, 38.4142

Trichromacy



Original Color

58.2846, 44.7718, 40.2202



Protanomaly

47.7532, 44.2487, 46.0684



Deuteranomaly

49.8738, 44.4204, 39.2031



Tritanomaly

58.1751, 44.9779, 38.8731

Monochromacy



Original Color

58.2846, 44.7718, 40.2202



Achromatopsia

43.9204, 46.2077, 50.3202



Achromatomaly

47.8404, 44.8418, 46.1783

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2846, 44.7718, 40.2202 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, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 163)  
}
```

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, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 163) }
```

Border

The CSS property to change the border of an element to XYZ 58.2846, 44.7718, 40.2202 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, 147, 163) }
```


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

```
.border{ border-color:rgb(255, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2846, 44.7718, 40.2202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 163) }
```

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

```
.background{ background-color: rgb(255,  
147, 163) }
```

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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