

Converting Colors

XYZ(59.3116, 46.9352, 42.0097)

Have a look what the booklet for
XYZ(59.3116, 46.9352, 42.0097)
contains.

XYZ(59.3116, 46.9352, 42.0097)	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(59.3116, 46.9352,
42.0097)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9AA6
RGB	254, 154, 166
RGB Percent	100%, 60%, 65%
CMY	0.0039, 0.3961, 0.3490
CMYK	0.00, 0.39, 0.35, 0.00
HSL	353°, 98%, 80%
HSV	353°, 39%, 100%
XYZ	59.3116, 46.9352, 42.0097
YIQ	185.2680, 55.7480, 24.9320

Conversions

Conversions Part 2

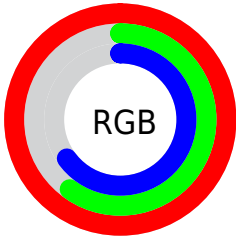
Format	Color
R_{YB}	254, 154, 166
Decimal	16685734
CIE _{Lab}	74.15, 38.70, 9.83
CIE _{LCh}	74, 39.930, 14.250
Yxy	46.9352, 0.4001, 0.3166
Android (android.graphics.Color)	4294875814 (0xFFFE9AA6)
YUV	185.2680, -9.4991, 60.2780
Hunter-Lab	68.5093, 34.6444, 11.6000

Details

The XYZ color **59.3116, 46.9352, 42.0097** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.7975, 84.1656, 96.8394**, and the grayscale version is **46.2940, 48.7048, 53.0396**.

A 20% lighter version of the original color is **77.3377, 72.5736, 78.3386**, and **30.1966, 22.1244, 18.5985** is the 20% darker color. If you saturate the color by 10%, you get **53.6788, 38.6708, 30.8797**, and if you desaturate by 10%, it is **66.1902, 57.1205, 55.3142**.

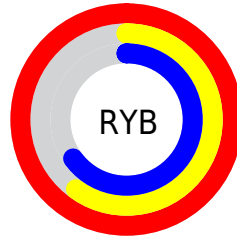
Distribution



Red (100%)

Green (60%)

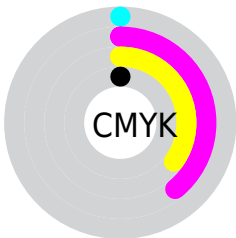
Blue (65%)



Red (100%)

Yellow (60%)

Blue (65%)

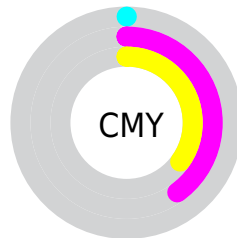


Cyan (0%)

Magenta (39%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3116, 46.9352, 42.0097 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 59.3116, 46.9352, 42.0097 by changing the saturation by 10% instead.


 59.3116, 46.9352,
42.0097


 59.3116, 46.9352,
42.0097


411.9312,
374.5558, 370.3240

 43.1113, 32.9844,
28.7833


 102.9424, 85.6169,
79.4846

 30.1674, 22.1145,
18.6728


 131.1037,
111.1166, 104.5700

 20.1144, 13.9411,
11.2596

163.9828,
141.2347, 134.4456

 12.5870, 8.0797,
6.1254

201.9449,
176.3557, 169.5299

 7.2198, 4.1460,
2.8515

245.3554,
216.8639, 210.2413

 3.6475, 1.7556,
1.0193

294.5797,

 1.5047, 0.4592,

263.1437, 256.9984

0.0000

349.9832,
315.5796, 310.2198

■ 0.3290, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3116, 46.9352,
42.0097

■ 59.3116, 46.9352,
42.0097

■ 53.6788, 38.6708,
30.8797

■ 66.1902, 57.1205,
55.3142

■ 49.2132, 32.2002,
21.8054

■ 74.3795, 69.3296,
70.8977

■ 45.8331, 27.3919,
14.6612

■ 83.9442, 83.6663,
88.8612

■ 43.4444, 24.0933,
9.3058

94.6831, 99.8109,
108.8828

■ 41.9366, 22.1236,
5.5790

■ 41.1496, 21.2094,
3.2831

■ 41.1135, 21.1670,
3.1786

Harmonies

Analogous

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



59.1990, 46.9352, 62.5586



59.3116, 46.9352, 42.0097



55.2044, 46.9352, 28.2535

Triad

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



59.3116, 46.9352, 42.0097



35.6858, 46.9352, 27.7650



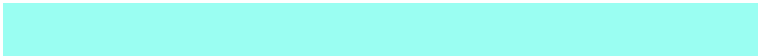
40.9806, 46.9352, 99.1573

Complementary

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



59.3116, 46.9352, 42.0097



64.7975, 84.1656, 96.8394

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.



35.4668, 46.9352, 83.8088



59.3116, 46.9352, 42.0097



32.6402, 46.9352, 41.1414

Square

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



59.3116, 46.9352, 42.0097



41.3102, 46.9352, 21.6463



32.5646, 46.9352, 61.4253



48.0820, 46.9352, 99.5732

Rectangle

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



59.3116, 46.9352, 42.0097



50.8560, 46.9352, 23.2048



32.5646, 46.9352, 61.4253



38.8985, 46.9352, 95.4213

Sweetspot

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



59.3129, 46.9375, 42.0106



82.0167, 80.3919, 84.6446



65.6084, 48.9115, 99.7490



17.2783, 16.7922, 17.5989



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.



59.3129, 46.9375, 42.0106



55.3918, 40.8166, 33.6134



65.2655, 60.5224, 38.8169



18.0980, 18.0225, 19.1332



21.7028, 11.1704, 1.8197



2.1400, 1.0984, 0.3188

Inverse Universe

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



59.3129, 46.9375, 42.0106



55.3918, 40.8166, 33.6134



56.1167, 63.8255, 103.1280



18.0980, 18.0225, 19.1332



21.7028, 11.1704, 1.8197



2.1400, 1.0984, 0.3188

Previews

White Background



This preview shows how the XYZ color 59.3116, 46.9352, 42.0097 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 59.3116, 46.9352, 42.0097 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 59.3116, 46.9352, 42.0097

Background



This preview shows how black text looks on a background with the XYZ color 59.3116, 46.9352, 42.0097.



This preview shows how white text looks on a background with the XYZ color 59.3116, 46.9352,

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

59.3116, 46.9352, 42.0097

Protanopia

45.3181, 47.2312, 50.4441

Deuteranopia

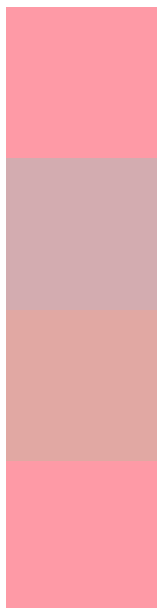
48.0593, 47.0692, 40.7347



Tritanopia

59.3116, 46.9352, 42.0097

Trichromacy



Original Color

59.3116, 46.9352, 42.0097

Protanomaly

49.4530, 46.4885, 47.4410

Deuteranomaly

51.6648, 46.6572, 40.9330

Tritanomaly

59.3116, 46.9352, 42.0097

Monochromacy



Original Color

59.3116, 46.9352, 42.0097

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.7503, 47.1881, 48.6056

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3116, 46.9352, 42.0097 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(254, 154, 166)` looks like.

```
.text, #text, p{  
    color:rgb(254, 154, 166)  
}
```

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(254, 154, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 154, 166) }
```

Border

The CSS property to change the border of an element to XYZ 59.3116, 46.9352, 42.0097 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(254, 154, 166) }
```


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

```
.border{ border-color:rgb(254, 154, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 154, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 154, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 154, 166);  
box-shadow:4px 4px 4px 4px rgb(254, 154,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3116, 46.9352, 42.0097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 154, 166) }
```

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

```
.background{ background-color: rgb(254,  
154, 166) }
```

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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