

Converting Colors

XYZ(60.0600, 49.2313, 42.5427)

Have a look what the booklet for
XYZ(60.0600, 49.2313, 42.5427)
contains.

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Color

**XYZ(59.9481, 49.2893,
42.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA2A6
RGB	252, 162, 166
RGB Percent	99%, 64%, 65%
CMY	0.0118, 0.3647, 0.3490
CMYK	0.00, 0.36, 0.34, 0.01
HSL	357°, 94%, 81%
HSV	357°, 36%, 99%
XYZ	59.9481, 49.2893, 42.4306
YIQ	189.3660, 52.3560, 20.3240

Conversions

Conversions Part 2

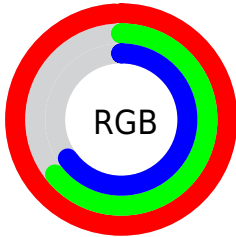
Format	Color
R _Y B	252, 162, 166
Decimal	16556710
CIE Lab	75.63, 33.83, 11.90
CIE LCh	76, 35.865, 19.378
Yxy	49.2893, 0.3953, 0.3250
Android (android.graphics.Color)	4294746790 (0xFFFC A2A6)
YUV	189.3660, -11.5194, 54.9300
Hunter-Lab	70.2063, 29.5573, 13.3113

Details

The XYZ color **59.9481, 49.2893, 42.4306** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **66.6561, 84.0805, 101.5273**, and the grayscale version is **48.6235, 51.1557, 55.7086**.

A 20% lighter version of the original color is **79.3625, 76.6233, 79.0135**, and **30.4982, 23.4896, 18.8461** is the 20% darker color. If you saturate the color by 10%, you get **53.9395, 40.4824, 30.5306**, and if you desaturate by 10%, it is **67.2624, 60.0452, 56.8074**.

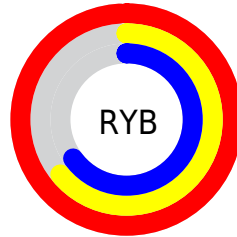
Distribution



Red (99%)

Green (64%)

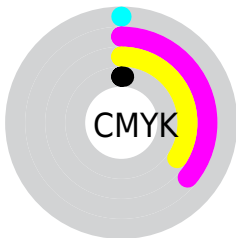
Blue (65%)



Red (99%)

Yellow (64%)

Blue (65%)

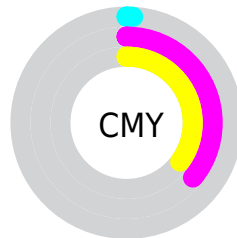


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (1%)



Cyan (1%)


Magenta (36%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9481, 49.2893, 42.4306 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 59.9481, 49.2893, 42.4306 by changing the saturation by 10% instead.


 59.9481, 49.2893,
42.4306


 59.9481, 49.2893,
42.4306


414.2443,
383.8801, 372.1170

 43.6261, 34.8490,
29.1105


 103.8611, 89.1210,
80.1280

 30.5733, 23.5466,
18.9181

 132.1829,
115.2812, 105.3424

 20.4244, 14.9976,
11.4349

165.2353,
146.1168, 135.3587

 12.8140, 8.8177,
6.2423

203.3837,
182.0122, 170.5954

 7.3767, 4.6225,
2.9218

246.9934,
223.3519, 211.4711

 3.7472, 2.0275,
1.0549

296.4299,

 1.5601, 0.6234,

270.5202, 258.4042

0.0000

352.0584,
323.9014, 311.8133

■ 0.3662, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9481, 49.2893,
42.4306

■ 59.9481, 49.2893,
42.4306

■ 53.9395, 40.4824,
30.5306

■ 67.2624, 60.0452,
56.8074

■ 49.1561, 33.5013,
20.9648

■ 75.9487, 72.8495,
73.7867

■ 45.5147, 28.2199,
13.5807

■ 86.0737, 87.8032,
93.4894

■ 42.9199, 24.4931,
8.2063

■ 93.9548, 99.4354,
108.8487

■ 41.2611, 22.1517,
4.6440

■ 40.4025, 20.9864,
2.6560

■ 40.2063, 20.7200,
2.2025

Harmonies

Analogous

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



60.5445, 49.2893, 60.6905



59.9481, 49.2893, 42.4306



55.6580, 49.2893, 30.4308

Triad

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



59.9481, 49.2893, 42.4306



37.8134, 49.2893, 33.2150



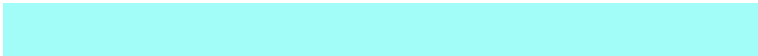
44.5348, 49.2893, 98.2037

Complementary

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



59.9481, 49.2893, 42.4306



66.6561, 84.0805, 101.5273

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.



39.0205, 49.2893, 86.4654



59.9481, 49.2893, 42.4306



35.3905, 49.2893, 47.2086

Square

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



59.9481, 49.2893, 42.4306



42.7397, 49.2893, 26.0449



35.8105, 49.2893, 66.7318



51.2115, 49.2893, 96.0586

Rectangle

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



59.9481, 49.2893, 42.4306



51.4881, 49.2893, 26.2127



35.8105, 49.2893, 66.7318



42.4954, 49.2893, 95.6593

Sweetspot

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



59.9494, 49.2917, 42.4316



82.7261, 81.7831, 84.9664



69.0266, 52.7365, 98.6364



17.4091, 17.0653, 17.6068



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.



59.9494, 49.2917, 42.4316



56.9415, 43.8269, 34.4041



67.9059, 65.7821, 43.3038



17.2758, 17.2377, 18.0423



20.9578, 10.7988, 1.2203



1.9517, 1.0044, 0.1690

Inverse Universe

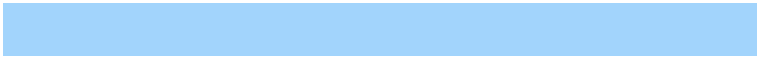
The Inverse Universe completely reimagines the original color for something new.



59.9494, 49.2917, 42.4316



56.9415, 43.8269, 34.4041



55.8918, 61.5492, 101.0297



17.2758, 17.2377, 18.0423



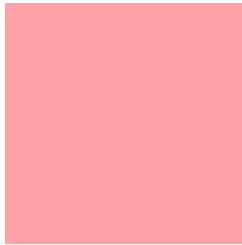
20.9578, 10.7988, 1.2203



1.9517, 1.0044, 0.1690

Previews

White Background



This preview shows how the XYZ color 59.9481, 49.2893, 42.4306 looks on a white background.

Color Contrast Check

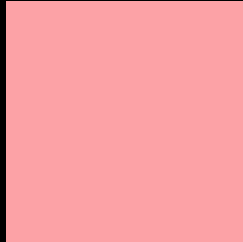
Large Text (above 18pt) WCAG AA × Fail

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 59.9481, 49.2893, 42.4306 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 59.9481, 49.2893, 42.4306

Background



This preview shows how black text looks on a background with the XYZ color 59.9481, 49.2893, 42.4306.



This preview shows how white text looks on a background with the XYZ color 59.9481, 49.2893,

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

59.9481, 49.2893, 42.4306

Protanopia

47.4338, 49.5790, 49.7175

Deuteranopia

50.3727, 49.4330, 41.5369



Tritanopia

60.7957, 49.3895, 45.8640

Trichromacy



Original Color

59.9481, 49.2893, 42.4306



Protanomaly

51.0937, 48.7964, 46.7701



Deuteranomaly

53.3230, 48.8984, 41.7499



Tritanomaly

60.5086, 49.2747, 44.3520

Monochromacy



Original Color

59.9481, 49.2893, 42.4306



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.6120, 49.5734, 50.5644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9481, 49.2893, 42.4306 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(252, 162, 166)` looks like.

```
.text, #text, p{  
    color:rgb(252, 162, 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(252, 162, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 162, 166) }
```

Border

The CSS property to change the border of an element to XYZ 59.9481, 49.2893, 42.4306 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(252, 162, 166) }
```


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

```
.border{ border-color:rgb(252, 162, 166) }
```

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

Here you see how a box with a 4 pixel rgb(252, 162, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 162, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 162, 166);  
box-shadow:4px 4px 4px 4px rgb(252, 162,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9481, 49.2893, 42.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 162, 166) }
```

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

```
.background{ background-color: rgb(252,  
162, 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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