

Converting Colors

XYZ(75.0557, 50.9025, 54.6336)

Have a look what the booklet for
XYZ(75.0557, 50.9025, 54.6336)
contains.

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Color

**XYZ(59.4799, 42.8690,
53.8548)**

Conversions

Conversions Part 1

Format	Color
Hex	FF89BE
RGB	255, 137, 190
RGB Percent	100%, 54%, 75%
CMY	0.0000, 0.4627, 0.2549
CMYK	0.00, 0.46, 0.25, 0.00
HSL	333°, 100%, 77%
HSV	333°, 46%, 100%
XYZ	59.4799, 42.8690, 53.8548
YIQ	178.3240, 53.3150, 41.4990

Conversions

Conversions Part 2

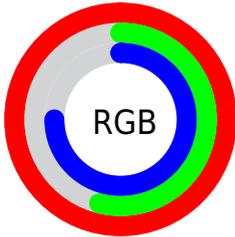
Format	Color
R_{YB}	255, 137, 190
Decimal	16746942
CIE _{Lab}	71.47, 50.67, -7.36
CIE _{LCh}	71, 51.199, 351.730
Yxy	42.8690, 0.3808, 0.2744
Android (android.graphics.Color)	4294937022 (0xFFFF89BE)
YUV	178.3240, 5.7563, 67.2449
Hunter-Lab	65.4744, 47.5772, -2.9358

Details

The XYZ color **59.4799, 42.8690, 53.8548** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.7390, 81.1035, 68.5450**, and the grayscale version is **42.4403, 44.6505, 48.6244**.

A 20% lighter version of the original color is **76.9445, 66.0537, 95.8830**, and **30.3736, 19.7284, 25.8740** is the 20% darker color. If you saturate the color by 10%, you get **54.8118, 35.8726, 45.0854**, and if you desaturate by 10%, it is **65.1547, 51.6416, 63.6908**.

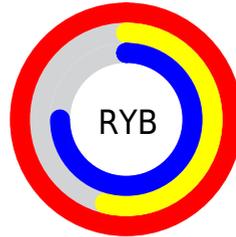
Distribution



Red (100%)

Green (54%)

Blue (75%)



Red (100%)

Yellow (54%)

Blue (75%)

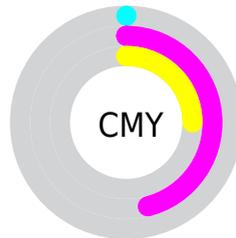


Cyan (0%)

Magenta (46%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4799, 42.8690, 53.8548 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 59.4799, 42.8690, 53.8548 by changing the saturation by 10% instead.

 59.4799, 42.8690,
53.8548

 59.4799, 42.8690,
53.8548

412.5436,
358.0728, 418.7150

 43.2474, 29.7823,
38.0932

 103.1855, 79.5131,
97.3153

 30.2746, 19.6734,
25.7526

 131.3893,
103.8394, 125.8512

 20.1963, 12.1579,
16.4146

 164.3142,
132.6810, 159.4824

 12.6469, 6.8513,
9.6605

202.3257,
166.4223, 198.6273

 7.2612, 3.3693,
5.0718

245.7890,
205.4478, 243.7044

 3.6737, 1.3274,
2.2300

295.0695,

 1.5193, 0.1623,

250.1417, 295.1324

0.6916

350.5326,
300.8886, 353.3298

■ 0.3389, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.4799, 42.8690,
53.8548

■ 59.4799, 42.8690,
53.8548

■ 54.8118, 35.8726,
45.0854

■ 65.1547, 51.6416,
63.6908

■ 51.0816, 30.5220,
37.3378

■ 71.8921, 62.2963,
74.6304

■ 48.2167, 26.6787,
30.5667

■ 79.7477, 74.9382,
86.7115

■ 46.1312, 24.1785,
24.7210

■ 88.7722, 89.6625,
99.9694

■ 44.7191, 22.8167, 95.0500, 100.0000,
19.7416 108.9000

■ 44.3074, 22.4870,
18.0826

Harmonies

Analogous

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



55.2175, 42.8690, 82.7488



59.4799, 42.8690, 53.8548



58.1934, 42.8690, 31.1953

Triad

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



59.4799, 42.8690, 53.8548



34.9036, 42.8690, 14.9778



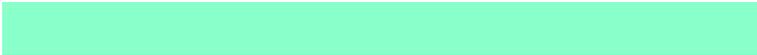
31.3046, 42.8690, 94.8350

Complementary

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



59.4799, 42.8690, 53.8548



56.7390, 81.1035, 68.5450

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.



27.1887, 42.8690, 66.5837



59.4799, 42.8690, 53.8548



29.0530, 42.8690, 22.9891

Square

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



59.4799, 42.8690, 53.8548



43.1804, 42.8690, 13.6663



26.4269, 42.8690, 40.1672



38.4043, 42.8690, 111.3015

Rectangle

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



59.4799, 42.8690, 53.8548



54.4323, 42.8690, 21.6448



26.4269, 42.8690, 40.1672



29.5703, 42.8690, 86.0117

Sweetspot

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



59.4810, 42.8710, 53.8556



81.6935, 78.0972, 89.6189



51.3275, 37.6563, 99.1709



17.0899, 16.0733, 18.5908



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.



59.4810, 42.8710, 53.8556



54.9260, 36.0404, 45.3101



55.5643, 42.6832, 28.9796



18.3485, 18.1227, 20.4522



23.2243, 11.7790, 9.8316



2.3154, 1.1685, 1.2422

Inverse Universe

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



59.4810, 42.8710, 53.8556



54.9260, 36.0404, 45.3101



62.2744, 80.3524, 106.8351



18.3485, 18.1227, 20.4522



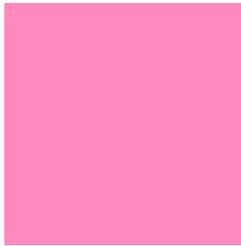
23.2243, 11.7790, 9.8316



2.3154, 1.1685, 1.2422

Previews

White Background



This preview shows how the XYZ color 59.4799, 42.8690, 53.8548 looks on a white background.

Color Contrast Check

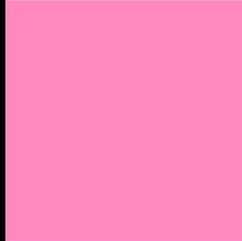
Large Text (above 18pt) WCAG AA × Fail

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 59.4799, 42.8690, 53.8548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

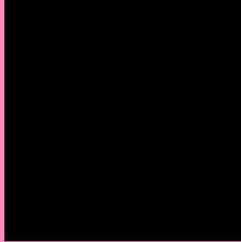
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4799, 42.8690, 53.8548

Background



This preview shows how black text looks on a background with the XYZ color 59.4799, 42.8690, 53.8548.



This preview shows how white text looks on a background with the XYZ color 59.4799, 42.8690,

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

59.4799, 42.8690, 53.8548

Protanopia

43.2100, 43.3426, 69.7069

Deuteranopia

43.7655, 42.9015, 51.3215



Tritanopia

55.9509, 42.9751, 35.9179

Trichromacy



Original Color

59.4799, 42.8690, 53.8548



Protanomaly

47.3175, 42.0396, 63.3782



Deuteranomaly

48.2412, 41.9959, 52.0178



Tritanomaly

57.0079, 42.7224, 41.8008

Monochromacy



Original Color

59.4799, 42.8690, 53.8548



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

46.9943, 42.6936, 50.0198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4799, 42.8690, 53.8548 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, 137, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 190)  
}
```

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, 137, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 190) }
```

Border

The CSS property to change the border of an element to XYZ 59.4799, 42.8690, 53.8548 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, 137, 190) }
```

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

```
.border{ border-color:rgb(255, 137, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 137, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 137, 190); box-shadow:4px 4px 4px 4px rgb(255, 137, 190) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4799, 42.8690, 53.8548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 190) }
```

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

```
.background{ background-color: rgb(255,  
137, 190) }
```

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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