

Converting Colors

XYZ(59.4827, 46.7831, 41.8066)

Have a look what the booklet for
XYZ(59.4827, 46.7831, 41.8066)
contains.

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Color

**XYZ(59.5142, 46.7956,
41.9721)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99A6
RGB	255, 153, 166
RGB Percent	100%, 60%, 65%
CMY	0.0000, 0.4000, 0.3490
CMYK	0.00, 0.40, 0.35, 0.00
HSL	352°, 100%, 80%
HSV	352°, 40%, 100%
XYZ	59.5142, 46.7956, 41.9721
YIQ	184.9800, 56.6190, 25.6670

Conversions

Conversions Part 2

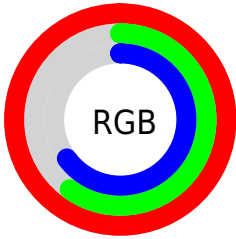
Format	Color
R _Y B	255, 153, 166
Decimal	16751014
CIE Lab	74.06, 39.57, 9.72
CIE LCh	74, 40.748, 13.797
Yxy	46.7956, 0.4014, 0.3156
Android (android.graphics.Color)	4294941094 (0xFFFF99A6)
YUV	184.9800, -9.3571, 61.4075
Hunter-Lab	68.4073, 35.5818, 11.5070

Details

The XYZ color **59.5142, 46.7956, 41.9721** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.9260, 84.7041, 96.9364**, and the grayscale version is **46.1324, 48.5349, 52.8545**.

A 20% lighter version of the original color is **77.0916, 72.0814, 78.2565**, and **30.3594, 22.0650, 18.5784** is the 20% darker color. If you saturate the color by 10%, you get **53.9099, 38.5759, 30.8900**, and if you desaturate by 10%, it is **66.3657, 56.9445, 55.2132**.

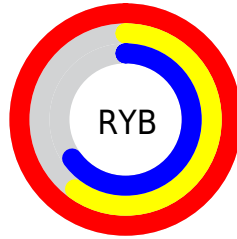
Distribution



Red (100%)

Green (60%)

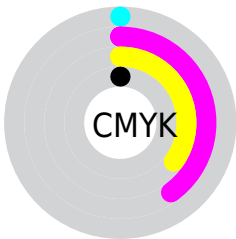
Blue (65%)



Red (100%)

Yellow (60%)

Blue (65%)

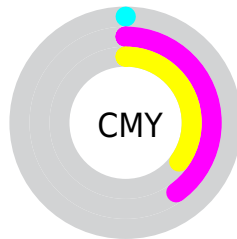


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5142, 46.7956, 41.9721 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 59.5142, 46.7956, 41.9721 by changing the saturation by 10% instead.


 59.5142, 46.7956,
41.9721


 59.5142, 46.7956,
41.9721


412.6683,
373.9981, 370.1635

 43.2751, 32.8741,
28.7540


 103.2350, 85.4084,
79.4270

 30.2965, 22.0300,
18.6509


 131.4474,
110.8686, 104.5010

 20.2130, 13.8790,
11.2440


164.3817,
140.9437, 134.3640

 12.6591, 8.0365,
6.1150

202.4032,
176.0182, 169.4346

 7.2696, 4.1183,
2.8452

245.8773,
216.4765, 210.1313

 3.6791, 1.7400,
1.0161

295.1692,

 1.5222, 0.4493,

262.7030, 256.8726

0.0000

350.6445,
315.0820, 310.0772

■ 0.3409, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5142, 46.7956,
41.9721

■ 59.5142, 46.7956,
41.9721

■ 53.9099, 38.5759,
30.8900

■ 66.3657, 56.9445,
55.2132

■ 49.4739, 32.1568,
21.8492

■ 74.5301, 69.1272,
70.7168

■ 46.1235, 27.4046,
14.7252

■ 84.0726, 83.4486,
88.5832

■ 43.7635, 24.1640,
9.3780

95.0500, 100.0000,
108.9000

■ 42.2821, 22.2505,
5.6488

■ 41.5075, 21.3671,
3.3385

■ 41.5074, 21.3670,
3.3381

Harmonies

Analogous

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



59.3296, 46.7956, 62.9856



59.5142, 46.7956, 41.9721



55.3732, 46.7956, 27.9265

Triad

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



59.5142, 46.7956, 41.9721



35.4709, 46.7956, 27.1364



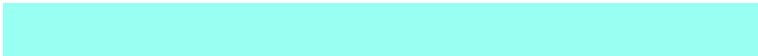
40.6827, 46.7956, 99.9962

Complementary

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



59.5142, 46.7956, 41.9721



64.9260, 84.7041, 96.9364

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.



35.1145, 46.7956, 84.0637



59.5142, 46.7956, 41.9721



32.3377, 46.7956, 40.5586

Square

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



59.5142, 46.7956, 41.9721



41.2204, 46.7956, 21.0806



32.2148, 46.7956, 61.1303



47.9025, 46.7956, 100.6811

Rectangle

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



59.5142, 46.7956, 41.9721



50.9536, 46.7956, 22.7701



32.2148, 46.7956, 61.1303



38.5754, 46.7956, 96.0842

Sweetspot

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



59.5154, 46.7979, 41.9730



82.0484, 80.4046, 84.8115



65.8550, 48.7760, 100.5515



17.2857, 16.7952, 17.6378



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.



59.5154, 46.7979, 41.9730



54.9336, 40.0700, 32.9367



65.4914, 60.5624, 38.3778



18.1035, 18.0247, 19.1624



21.7175, 11.1763, 1.8969



2.1426, 1.0994, 0.3325

Inverse Universe

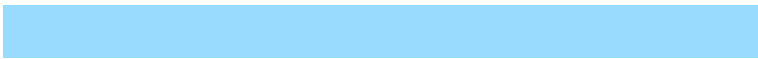
The Inverse Universe completely reimagines the original color for something new.



59.5154, 46.7979, 41.9730



54.9336, 40.0700, 32.9367



56.1566, 63.9298, 103.9877



18.1035, 18.0247, 19.1624



21.7175, 11.1763, 1.8969



2.1426, 1.0994, 0.3325

Previews

White Background



This preview shows how the XYZ color 59.5142, 46.7956, 41.9721 looks on a white background.

Color Contrast Check

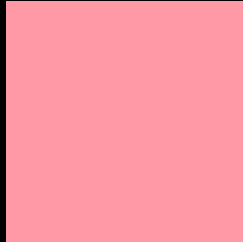
Large Text (above 18pt) WCAG AA × Fail

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 59.5142, 46.7956, 41.9721 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 59.5142, 46.7956, 41.9721

Background



This preview shows how black text looks on a background with the XYZ color 59.5142, 46.7956, 41.9721.



This preview shows how white text looks on a background with the XYZ color 59.5142, 46.7956,

41.9721.

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

59.5142, 46.7956, 41.9721

Protanopia

45.4211, 47.2724, 50.9865

Deuteranopia

48.0593, 47.0692, 40.7347



Tritanopia

59.4228, 46.7591, 41.4908

Trichromacy



Original Color

59.5142, 46.7956, 41.9721

Protanomaly

49.2634, 46.1093, 47.3778

Deuteranomaly

51.6648, 46.6572, 40.9330

Tritanomaly

59.4228, 46.7591, 41.4908

Monochromacy



Original Color

59.5142, 46.7956, 41.9721

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.5578, 46.8031, 48.5414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5142, 46.7956, 41.9721 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, 153, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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(255, 153, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 166) }
```

Border

The CSS property to change the border of an element to XYZ 59.5142, 46.7956, 41.9721 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, 153, 166) }
```


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

```
.border{ border-color:rgb(255, 153, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5142, 46.7956, 41.9721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 166) }
```

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

```
.background{ background-color: rgb(255,  
153, 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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