

Converting Colors

XYZ(59.2630, 46.6990, 40.6378)

Have a look what the booklet for
XYZ(59.2630, 46.6990, 40.6378)
contains.

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Color

**XYZ(59.2421, 46.6868,
40.5394)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99A3
RGB	255, 153, 163
RGB Percent	100%, 60%, 64%
CMY	0.0000, 0.4000, 0.3608
CMYK	0.00, 0.40, 0.36, 0.00
HSL	354°, 100%, 80%
HSV	354°, 40%, 100%
XYZ	59.2421, 46.6868, 40.5394
YIQ	184.6380, 57.5820, 24.7340

Conversions

Conversions Part 2

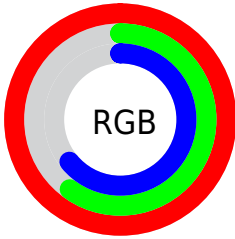
Format	Color
R_{YB}	255, 153, 163
Decimal	16751011
CIE _{Lab}	73.99, 39.22, 11.27
CIE _{LCh}	74, 40.809, 16.036
Yxy	46.6868, 0.4045, 0.3188
Android (android.graphics.Color)	4294941091 (0xFFFF99A3)
YUV	184.6380, -10.6675, 61.7075
Hunter-Lab	68.3277, 35.1910, 12.6522

Details

The XYZ color **59.2421, 46.6868, 40.5394** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3805, 84.8859, 99.3295**, and the grayscale version is **45.9492, 48.3421, 52.6445**.

A 20% lighter version of the original color is **76.6954, 71.9229, 76.1699**, and **30.1914, 21.9978, 17.6937** is the 20% darker color. If you saturate the color by 10%, you get **53.6286, 38.4634, 29.4085**, and if you desaturate by 10%, it is **66.1246, 56.8481, 53.9434**.

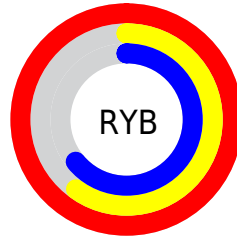
Distribution



Red (100%)

Green (60%)

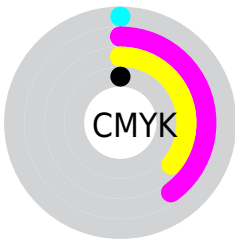
Blue (64%)



Red (100%)

Yellow (60%)

Blue (64%)

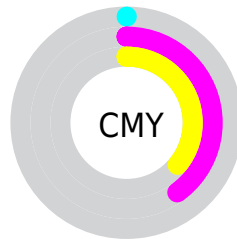


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2421, 46.6868, 40.5394 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 59.2421, 46.6868, 40.5394 by changing the saturation by 10% instead.


 59.2421, 46.6868,
40.5394


 59.2421, 46.6868,
40.5394


411.6782,
373.5630, 364.0113

 43.0552, 32.7881,
27.6424

 102.8421, 85.2459,
77.2302

 30.1231, 21.9642,
17.8196


 130.9858,
110.6752, 101.8611

 20.0806, 13.8306,
10.6524


163.8458,
140.7167, 131.2404

 12.5622, 8.0029,
5.7224

201.7876,
175.7550, 165.7866

 7.2027, 4.0968,
2.6110

245.1763,
216.1743, 205.9183

 3.6367, 1.7279,
0.8981

294.3774,

 1.4987, 0.4416,

262.3592, 252.0539

0.0000

349.7562,
314.6939, 304.6121

■ 0.3250, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2421, 46.6868,
40.5394

■ 59.2421, 46.6868,
40.5394

■ 53.6286, 38.4634,
29.4085

■ 66.1246, 56.8481,
53.9434

■ 49.2028, 32.0484,
20.4219

■ 74.3436, 69.0526,
69.7341

■ 45.8798, 27.3071,
13.4417

■ 83.9660, 83.4060,
88.0211

■ 43.5613, 24.0831,
8.3132

95.0500, 100.0000,
108.9000

■ 42.1320, 22.1905,
4.8583

■ 41.4155, 21.3303,
2.8537

■ 41.4153, 21.3301,
2.8533

Harmonies

Analogous

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



59.4011, 46.6868, 61.1410



59.2421, 46.6868, 40.5394



54.8247, 46.6868, 27.0838

Triad

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



59.2421, 46.6868, 40.5394



35.0376, 46.6868, 27.7632



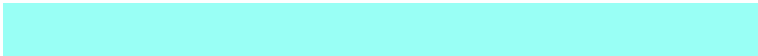
41.0796, 46.6868, 100.5409

Complementary

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



59.2421, 46.6868, 40.5394



65.3805, 84.8859, 99.3295

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.



35.3443, 46.6868, 85.5156



59.2421, 46.6868, 40.5394



32.1231, 46.6868, 41.7558

Square

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



59.2421, 46.6868, 40.5394



40.6169, 46.6868, 21.2074



32.2289, 46.6868, 62.7386



48.3568, 46.6868, 99.9508

Rectangle

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



59.2421, 46.6868, 40.5394



50.3096, 46.6868, 22.2842



32.2289, 46.6868, 62.7386



38.9254, 46.6868, 97.0030

Sweetspot

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



59.2433, 46.6891, 40.5403



81.9235, 80.3547, 84.1539



67.0290, 49.3814, 100.6065



17.2566, 16.7835, 17.4844



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.



59.2433, 46.6891, 40.5403



54.6524, 39.9576, 31.4563



66.2386, 62.0566, 38.6269



18.0817, 18.0160, 19.0472



21.6641, 11.1549, 1.6158



2.1324, 1.0953, 0.2784

Inverse Universe

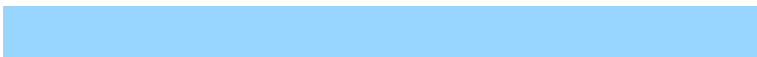
The Inverse Universe completely reimagines the original color for something new.



59.2433, 46.6891, 40.5403



54.6524, 39.9576, 31.4563



55.2861, 62.1888, 103.6975



18.0817, 18.0160, 19.0472



21.6641, 11.1549, 1.6158



2.1324, 1.0953, 0.2784

Previews

White Background



This preview shows how the XYZ color 59.2421, 46.6868, 40.5394 looks on a white background.

Color Contrast Check

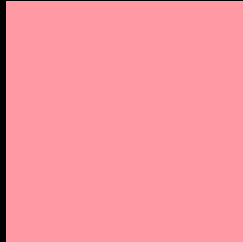
Large Text (above 18pt) WCAG AA × Fail

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 59.2421, 46.6868, 40.5394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

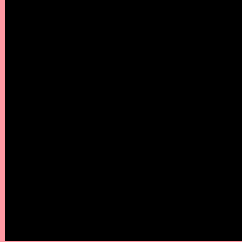
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2421, 46.6868, 40.5394

Background



This preview shows how black text looks on a background with the XYZ color 59.2421, 46.6868, 40.5394.



This preview shows how white text looks on a background with the XYZ color 59.2421, 46.6868,

40.5394.

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

59.2421, 46.6868, 40.5394

Protanopia

44.8095, 46.7012, 48.7720

Deuteranopia

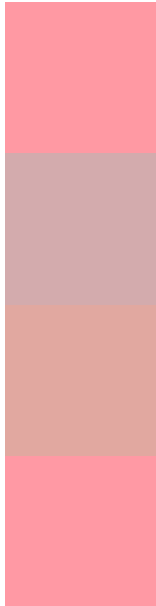
47.7958, 46.9638, 39.3467



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

59.2421, 46.6868, 40.5394

Protanomaly

48.9697, 45.9918, 45.8315

Deuteranomaly

51.3991, 46.5509, 39.5339

Tritanomaly

59.3321, 46.7228, 41.0132

Monochromacy



Original Color

59.2421, 46.6868, 40.5394

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.4577, 46.7631, 48.0145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2421, 46.6868, 40.5394 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 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, 153, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 163) }
```

Border

The CSS property to change the border of an element to XYZ 59.2421, 46.6868, 40.5394 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, 163) }
```


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

```
.border{ border-color:rgb(255, 153, 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, 153, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2421, 46.6868, 40.5394 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, 163) }
```

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

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