

Converting Colors

XYZ(59.1245, 46.6398, 39.9200)

Have a look what the booklet for
XYZ(59.1245, 46.6398, 39.9200)
contains.

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Color

**XYZ(59.1528, 46.6511,
40.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99A2
RGB	255, 153, 162
RGB Percent	100%, 60%, 64%
CMY	0.0000, 0.4000, 0.3647
CMYK	0.00, 0.40, 0.36, 0.00
HSL	355°, 100%, 80%
HSV	355°, 40%, 100%
XYZ	59.1528, 46.6511, 40.0693
YIQ	184.5240, 57.9030, 24.4230

Conversions

Conversions Part 2

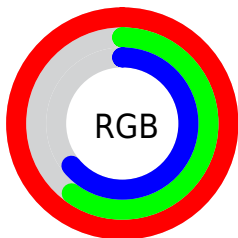
Format	Color
RYB	255, 153, 162
Decimal	16751010
CIELab	73.97, 39.10, 11.79
CIELCh	74, 40.844, 16.780
Yxy	46.6511, 0.4055, 0.3198
Android (android.graphics.Color)	4294941090 (0xFFFF99A2)
YUV	184.5240, -11.1043, 61.8075
Hunter-Lab	68.3016, 35.0626, 13.0285

Details

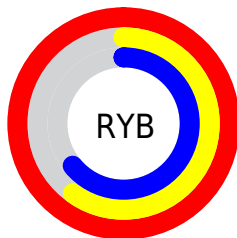
The XYZ color **59.1528, 46.6511, 40.0693** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.5336, 84.9471, 100.1359**, and the grayscale version is **45.8882, 48.2779, 52.5747**.

A 20% lighter version of the original color is **76.5648, 71.8707, 75.4827**, and **30.1914, 21.9978, 17.6937** is the 20% darker color. If you saturate the color by 10%, you get **53.5369, 38.4268, 28.9258**, and if you desaturate by 10%, it is **66.0451, 56.8163, 53.5245**.

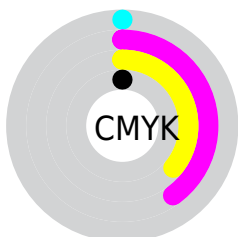
Distribution



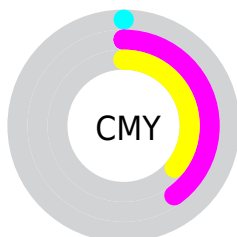
- Red (100%)
- Green (60%)
- Blue (64%)



- 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 59.1528, 46.6511, 40.0693 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 59.1528, 46.6511, 40.0693 by changing the saturation by 10% instead.


 59.1528, 46.6511,
40.0693

 59.1528, 46.6511,
40.0693


411.3529,
373.4201, 361.9763

 42.9830, 32.7599,
27.2784


 102.7131, 85.1926,
76.5073

 30.0662, 21.9426,
17.5481


 130.8342,
110.6117, 100.9914

 20.0372, 13.8147,
10.4600


163.6699,
140.6422, 130.2104

 12.5305, 7.9919,
5.5954

201.5854,
175.6686, 164.5827

 7.1808, 4.0898,
2.5359

244.9461,
216.0752, 204.5269

 3.6228, 1.7239,
0.8591

294.1173,

 1.4910, 0.4391,

262.2463, 250.4616

0.0000

349.4645,
314.5665, 302.8052

■ 0.3197, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1528, 46.6511,
40.0693

■ 59.1528, 46.6511,
40.0693

■ 53.5369, 38.4268,
28.9258

■ 66.0451, 56.8163,
53.5245

■ 49.1153, 32.0134,
19.9610

■ 74.2817, 69.0279,
69.4086

■ 45.8021, 27.2760,
13.0327

■ 83.9305, 83.3918,
87.8342

■ 43.4982, 24.0579,
7.9806

95.0500, 100.0000,
108.9000

■ 42.0867, 22.1724,
4.6199

■ 41.3897, 21.3200,
2.7179

■ 41.3895, 21.3198,
2.7176

Harmonies

Analogous

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



59.4262, 46.6511, 60.5352



59.1528, 46.6511, 40.0693



54.6437, 46.6511, 26.8064

Triad

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



59.1528, 46.6511, 40.0693



34.8941, 46.6511, 27.9740



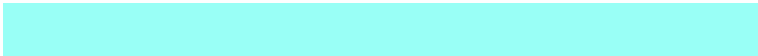
41.2129, 46.6511, 100.7261

Complementary

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



59.1528, 46.6511, 40.0693



65.5336, 84.9471, 100.1359

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.



35.4213, 46.6511, 86.0056



59.1528, 46.6511, 40.0693



32.0518, 46.6511, 42.1602

Square

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



59.1528, 46.6511, 40.0693



40.4174, 46.6511, 21.2493



32.2336, 46.6511, 63.2821



48.5095, 46.6511, 99.7113

Rectangle

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



59.1528, 46.6511, 40.0693



50.0970, 46.6511, 22.1234



32.2336, 46.6511, 63.2821



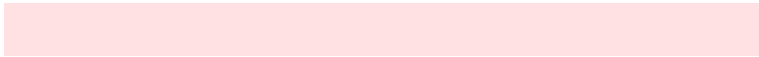
39.0428, 46.6511, 97.3136

Sweetspot

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



59.1540, 46.6534, 40.0702



81.8820, 80.3381, 83.9355



67.0290, 49.3814, 100.6064



17.2469, 16.7796, 17.4335



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.



59.1540, 46.6534, 40.0702



54.5607, 39.9209, 30.9731



66.2385, 62.0566, 38.6270



18.0744, 18.0131, 19.0089



21.6489, 11.1489, 1.5357



2.1289, 1.0939, 0.2604

Inverse Universe

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



59.1540, 46.6534, 40.0702



54.5607, 39.9209, 30.9731



55.2861, 62.1888, 103.6974



18.0744, 18.0131, 19.0089



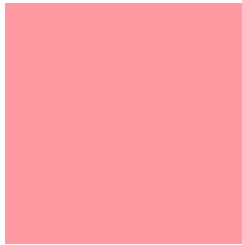
21.6489, 11.1489, 1.5357



2.1289, 1.0939, 0.2604

Previews

White Background



This preview shows how the XYZ color 59.1528, 46.6511, 40.0693 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 59.1528, 46.6511, 40.0693 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 59.1528, 46.6511, 40.0693

Background



This preview shows how black text looks on a background with the XYZ color 59.1528, 46.6511, 40.0693.



This preview shows how white text looks on a background with the XYZ color 59.1528, 46.6511,

40.0693.

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

59.1528, 46.6511, 40.0693

Protanopia

44.9532, 46.7869, 48.2565

Deuteranopia

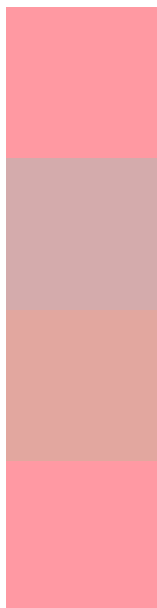
47.7960, 46.6839, 38.8395



Tritanopia

59.3321, 46.7228, 41.0132

Trichromacy



Original Color

59.1528, 46.6511, 40.0693

Protanomaly

49.1607, 46.1014, 45.3371

Deuteranomaly

51.4408, 46.3094, 39.0283

Tritanomaly

59.2421, 46.6868, 40.5394

Monochromacy



Original Color

59.1528, 46.6511, 40.0693

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 59.1528, 46.6511, 40.0693 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 162) }
```

Border

The CSS property to change the border of an element to XYZ 59.1528, 46.6511, 40.0693 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, 162) }
```


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

```
.border{ border-color:rgb(255, 153, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1528, 46.6511, 40.0693 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
153, 162) }
```

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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