

Converting Colors

XYZ(59.7318, 46.8851, 43.1118)

Have a look what the booklet for
XYZ(59.7318, 46.8851, 43.1118)
contains.

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Color

**XYZ(59.6991, 46.8696,
42.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF99A8
RGB	255, 153, 168
RGB Percent	100%, 60%, 66%
CMY	0.0000, 0.4000, 0.3412
CMYK	0.00, 0.40, 0.34, 0.00
HSL	351°, 100%, 80%
HSV	351°, 40%, 100%
XYZ	59.6991, 46.8696, 42.9460
YIQ	185.2080, 55.9770, 26.2890

Conversions

Conversions Part 2

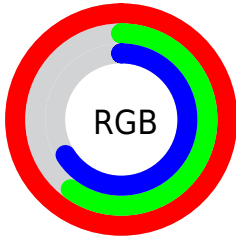
Format	Color
R_{YB}	255, 153, 168
Decimal	16751016
CIE _{Lab}	74.11, 39.81, 8.68
CIE _{LCh}	74, 40.746, 12.303
Yxy	46.8696, 0.3993, 0.3135
Android (android.graphics.Color)	4294941096 (0xFFFF99A8)
YUV	185.2080, -8.4835, 61.2076
Hunter-Lab	68.4614, 35.8466, 10.7302

Details

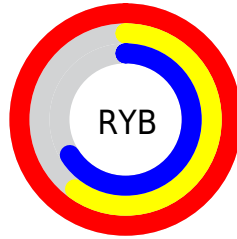
The XYZ color **59.6991, 46.8696, 42.9460** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.6272, 84.5846, 95.3629**, and the grayscale version is **46.2549, 48.6638, 52.9949**.

A 20% lighter version of the original color is **77.3597, 72.1886, 79.6685**, and **30.4745, 22.1111, 19.1847** is the 20% darker color. If you saturate the color by 10%, you get **54.1028, 38.6531, 31.9054**, and if you desaturate by 10%, it is **66.5286, 57.0097, 56.0709**.

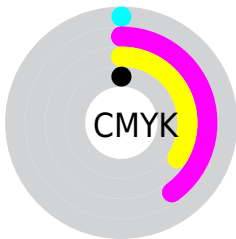
Distribution



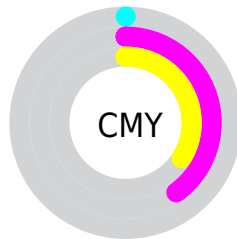
- Red (100%)
- Green (60%)
- Blue (66%)



- Red (100%)
- Yellow (60%)
- Blue (66%)



- Cyan (0%)
- Magenta (40%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.6991, 46.8696, 42.9460 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 59.6991, 46.8696, 42.9460 by changing the saturation by 10% instead.


 59.6991, 46.8696,
42.9460


 59.6991, 46.8696,
42.9460


413.3403,
374.2938, 374.3043

 43.4247, 32.9326,
29.5117

 103.5019, 85.5189,
80.9148

 30.4144, 22.0748,
19.2193


 131.7610,
111.0001, 106.2864

 20.3030, 13.9119,
11.6504


164.7456,
141.0980, 136.4742

 12.7250, 8.0594,
6.3865

202.8212,
176.1971, 171.8967

 7.3152, 4.1330,
3.0089

246.3532,
216.6819, 212.9724

 3.7080, 1.7482,
1.0992

295.7067,

 1.5383, 0.4546,

262.9367, 260.1198

0.0000

351.2473,
315.3458, 313.7577

■ 0.3517, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.6991, 46.8696,
42.9460

■ 59.6991, 46.8696,
42.9460

■ 54.1028, 38.6531,
31.9054

■ 66.5286, 57.0097,
56.0709

■ 49.6618, 32.2320,
22.8384

■ 74.6556, 69.1774,
71.3772

■ 46.2950, 27.4732,
15.6284

■ 84.1441, 83.4773,
88.9595

■ 43.9092, 24.2223,
10.1449

95.0500, 100.0000,
108.9000

■ 42.3944, 22.2954,
6.2401

■ 41.5818, 21.3968,
3.7296

■ 41.5816, 21.3967,
3.7291

Harmonies

Analogous

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



59.2850, 46.8696, 64.2383



59.6991, 46.8696, 42.9460



55.7433, 46.8696, 28.4970

Triad

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



59.6991, 46.8696, 42.9460



35.7620, 46.8696, 26.7233



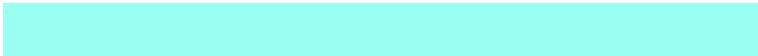
40.4206, 46.8696, 99.6421

Complementary

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



59.6991, 46.8696, 42.9460



64.6272, 84.5846, 95.3629

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.



34.9622, 46.8696, 83.1108



59.6991, 46.8696, 42.9460



32.4814, 46.8696, 39.7741

Square

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



59.6991, 46.8696, 42.9460



41.6268, 46.8696, 20.9954



32.2055, 46.8696, 60.0764



47.6031, 46.8696, 101.1777

Rectangle

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



59.6991, 46.8696, 42.9460



51.3879, 46.8696, 23.0968



32.2055, 46.8696, 60.0764



38.3440, 46.8696, 95.4823

Sweetspot

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



59.7003, 46.8719, 42.9469



82.1320, 80.4381, 85.2518



65.2761, 48.4777, 100.5244



17.3052, 16.8030, 17.7406



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.



59.7003, 46.8719, 42.9469



55.1259, 40.1469, 33.9494



65.1244, 59.8283, 38.2555



18.1182, 18.0306, 19.2394



21.7598, 11.1932, 2.1195



2.1495, 1.1022, 0.3686

Inverse Universe

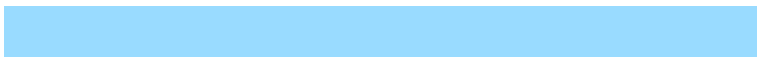
The Inverse Universe completely reimagines the original color for something new.



59.7003, 46.8719, 42.9469



55.1259, 40.1469, 33.9494



56.5986, 64.8139, 104.1350



18.1182, 18.0306, 19.2394



21.7598, 11.1932, 2.1195



2.1495, 1.1022, 0.3686

Previews

White Background



This preview shows how the XYZ color 59.6991, 46.8696, 42.9460 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 59.6991, 46.8696, 42.9460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

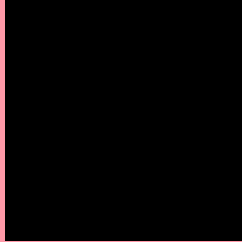
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.6991, 46.8696, 42.9460

Background



This preview shows how black text looks on a background with the XYZ color 59.6991, 46.8696, 42.9460.



This preview shows how white text looks on a background with the XYZ color 59.6991, 46.8696,

42.9460.

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

59.6991, 46.8696, 42.9460

Protanopia

45.3873, 47.2309, 52.0717

Deuteranopia

47.9583, 46.9964, 41.6655



Tritanopia

59.5871, 47.0878, 41.5456

Trichromacy



Original Color

59.6991, 46.8696, 42.9460



Protanomaly

49.1771, 46.0418, 48.4145



Deuteranomaly

51.5346, 46.5692, 41.8699



Tritanomaly

59.6785, 47.1244, 42.0269

Monochromacy



Original Color

59.6991, 46.8696, 42.9460



Achromatopsia

46.1135, 48.5150, 52.8328



Achromatomaly

49.6586, 46.8435, 49.0722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6991, 46.8696, 42.9460 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 168) }
```

Border

The CSS property to change the border of an element to XYZ 59.6991, 46.8696, 42.9460 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, 168) }
```


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

```
.border{ border-color:rgb(255, 153, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6991, 46.8696, 42.9460 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, 168) }
```

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

```
.background{ background-color: rgb(255,  
153, 168) }
```

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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