

Converting Colors

XYZ(75.8902, 54.6744, 43.5463)

Have a look what the booklet for
XYZ(75.8902, 54.6744, 43.5463)
contains.

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Color

**XYZ(59.3745, 46.2204,
42.8378)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97A8
RGB	255, 151, 168
RGB Percent	100%, 59%, 66%
CMY	0.0000, 0.4078, 0.3412
CMYK	0.00, 0.41, 0.34, 0.00
HSL	350°, 100%, 80%
HSV	350°, 41%, 100%
XYZ	59.3745, 46.2204, 42.8378
YIQ	184.0340, 56.5270, 27.3350

Conversions

Conversions Part 2

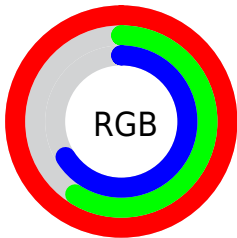
Format	Color
R _Y B	255, 151, 168
Decimal	16750504
CIE Lab	73.69, 40.83, 8.09
CIE LCh	74, 41.627, 11.199
Yxy	46.2204, 0.4000, 0.3114
Android (android.graphics.Color)	4294940584 (0xFFFF97A8)
YUV	184.0340, -7.9048, 62.2372
Hunter-Lab	67.9856, 36.9163, 10.2312

Details

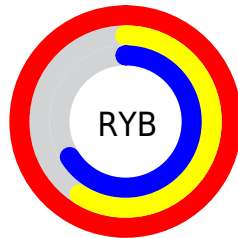
The XYZ color **59.3745, 46.2204, 42.8378** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9573, 84.2734, 93.7890**, and the grayscale version is **45.6004, 47.9752, 52.2449**.

A 20% lighter version of the original color is **76.8721, 71.2134, 79.5060**, and **30.2850, 21.7321, 19.1215** is the 20% darker color. If you saturate the color by 10%, you get **53.8784, 38.1521, 31.9918**, and if you desaturate by 10%, it is **66.0865, 56.1985, 55.6986**.

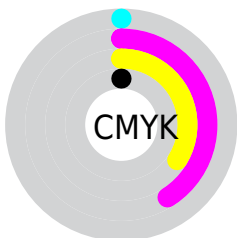
Distribution



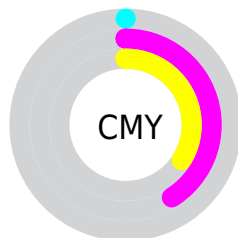
- Red (100%)
- Green (59%)
- Blue (66%)



- Red (100%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.3745, 46.2204, 42.8378 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 59.3745, 46.2204, 42.8378 by changing the saturation by 10% instead.

 59.3745, 46.2204,
42.8378


 59.3745, 46.2204,
42.8378


412.1601,
371.6940, 373.8459

 43.1622, 32.4198,
29.4274

 103.0333, 84.5487,
80.7498

 30.2075, 21.6823,
19.1560


 131.2105,
109.8453, 106.0884

 20.1450, 13.6237,
11.6051


164.1067,
139.7425, 136.2403

 12.6093, 7.8594,
6.3561

202.0872,
174.6250, 171.6238

 7.2352, 4.0051,
2.9906

245.5175,
214.8769, 212.6576

 3.6573, 1.6764,
1.0898

294.7628,

 1.5101, 0.4083,

260.8828, 259.7602

0.0000

350.1886,
313.0271, 313.3501

■ 0.3327, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.3745, 46.2204,
42.8378

■ 59.3745, 46.2204,
42.8378

■ 53.8784, 38.1521,
31.9918

■ 66.0865, 56.1985,
55.6986

■ 49.5210, 31.8649,
23.0550

■ 74.0783, 68.1908,
70.6670

■ 46.2216, 27.2251,
15.9161

■ 83.4134, 82.3021,
87.8333

■ 43.8872, 24.0766,
10.4510

■ 94.1502, 98.6281,
107.2815

■ 42.4080, 22.2337, 95.0500, 100.0000,
6.5189 108.9000

■ 41.6520, 21.4248,
4.0998

Harmonies

Analogous

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



58.7813, 46.2204, 64.5936



59.3745, 46.2204, 42.8378



55.4975, 46.2204, 28.0216

Triad

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



59.3745, 46.2204, 42.8378



35.2308, 46.2204, 25.5214



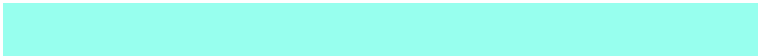
39.5144, 46.2204, 99.4383

Complementary

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



59.3745, 46.2204, 42.8378



63.9573, 84.2734, 93.7890

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.



34.0950, 46.2204, 82.1245



59.3745, 46.2204, 42.8378



31.8198, 46.2204, 38.3314

Square

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



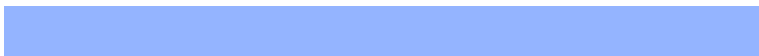
59.3745, 46.2204, 42.8378



41.2320, 46.2204, 20.0586



31.4287, 46.2204, 58.6400



46.7455, 46.2204, 101.6503

Rectangle

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



59.3745, 46.2204, 42.8378



51.1288, 46.2204, 22.4516



31.4287, 46.2204, 58.6400



37.4428, 46.2204, 95.0041

Sweetspot

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



59.3757, 46.2227, 42.8387



82.2021, 80.4661, 85.6213



64.2662, 47.4752, 100.3842



17.3216, 16.8095, 17.8269



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.



59.3757, 46.2227, 42.8387



54.7721, 39.4557, 33.7813



64.3162, 58.4741, 37.1779



18.1304, 18.0355, 19.3040



21.7995, 11.2091, 2.3285



2.1552, 1.1045, 0.3988

Inverse Universe

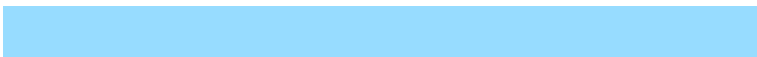
The Inverse Universe completely reimagines the original color for something new.



59.3757, 46.2227, 42.8387



54.7721, 39.4557, 33.7813



56.4952, 65.1628, 104.2078



18.1304, 18.0355, 19.3040



21.7995, 11.2091, 2.3285



2.1552, 1.1045, 0.3988

Previews

White Background



This preview shows how the XYZ color 59.3745, 46.2204, 42.8378 looks on a white background.

Color Contrast Check

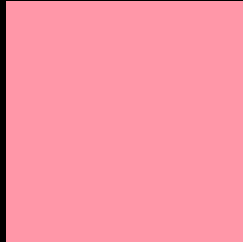
Large Text (above 18pt) WCAG AA × Fail

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 59.3745, 46.2204, 42.8378 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 59.3745, 46.2204, 42.8378

Background



This preview shows how black text looks on a background with the XYZ color 59.3745, 46.2204, 42.8378.



This preview shows how white text looks on a background with the XYZ color 59.3745, 46.2204,

42.8378.

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

59.3745, 46.2204, 42.8378

Protanopia

44.9428, 46.6988, 51.9924

Deuteranopia

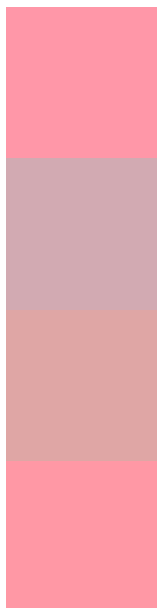
47.2076, 46.3194, 41.5744



Tritanopia

59.0791, 46.3608, 40.4851

Trichromacy



Original Color

59.3745, 46.2204, 42.8378

Protanomaly

48.9889, 45.6654, 48.3518

Deuteranomaly

50.8592, 45.6770, 41.7333

Tritanomaly

59.2598, 46.4331, 41.4365

Monochromacy



Original Color

59.3745, 46.2204, 42.8378

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

49.3667, 46.4210, 48.4777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3745, 46.2204, 42.8378 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, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 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, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 168) }
```

Border

The CSS property to change the border of an element to XYZ 59.3745, 46.2204, 42.8378 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, 151, 168) }
```


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

```
.border{ border-color:rgb(255, 151, 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, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3745, 46.2204, 42.8378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 168) }
```

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

```
.background{ background-color: rgb(255,  
151, 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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