

Converting Colors

XYZ(65.5053, 49.2461, 43.9257)

Have a look what the booklet for
XYZ(65.5053, 49.2461, 43.9257)
contains.

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Color

**XYZ(59.5623, 46.2955,
43.8269)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97AA
RGB	255, 151, 170
RGB Percent	100%, 59%, 67%
CMY	0.0000, 0.4078, 0.3333
CMYK	0.00, 0.41, 0.33, 0.00
HSL	349°, 100%, 80%
HSV	349°, 41%, 100%
XYZ	59.5623, 46.2955, 43.8269
YIQ	184.2620, 55.8850, 27.9570

Conversions

Conversions Part 2

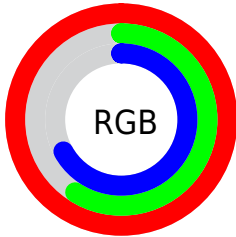
Format	Color
R _Y B	255, 151, 170
Decimal	16750506
CIE Lab	73.74, 41.08, 7.05
CIE LCh	74, 41.676, 9.738
Yxy	46.2955, 0.3979, 0.3093
Android (android.graphics.Color)	4294940586 (0xFFFF97AA)
YUV	184.2620, -7.0312, 62.0372
Hunter-Lab	68.0408, 37.1859, 9.4383

Details

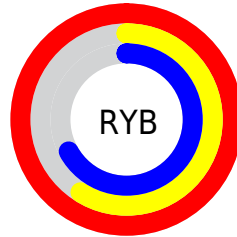
The XYZ color **59.5623, 46.2955, 43.8269** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.6649, 84.1564, 92.2496**, and the grayscale version is **45.7220, 48.1031, 52.3843**.

A 20% lighter version of the original color is **77.1434, 71.3219, 80.9348**, and **30.4026, 21.7791, 19.7409** is the 20% darker color. If you saturate the color by 10%, you get **54.0755, 38.2309, 33.0295**, and if you desaturate by 10%, it is **66.2517, 56.2645, 56.5683**.

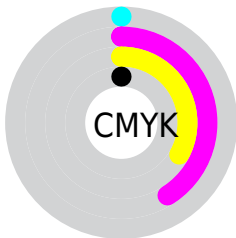
Distribution



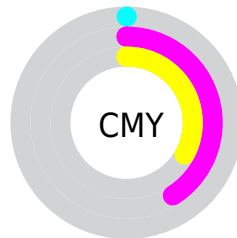
- Red (100%)
- Green (59%)
- Blue (67%)



- Red (100%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5623, 46.2955, 43.8269 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 59.5623, 46.2955, 43.8269 by changing the saturation by 10% instead.


 59.5623, 46.2955,
43.8269


 59.5623, 46.2955,
43.8269


412.8432,
371.9954, 378.0221

 43.3140, 32.4791,
30.1983

 103.3044, 84.6611,
82.2569

 30.3272, 21.7277,
19.7358


 131.5290,
109.9790, 107.8953

 20.2364, 13.6569,
12.0210


164.4764,
139.8995, 138.3741

 12.6762, 7.8825,
6.6352

202.5120,
174.8071, 174.1118

 7.2814, 4.0198,
3.1601

246.0011,
215.0861, 215.5269

 3.6866, 1.6847,
1.1769

295.3091,

 1.5264, 0.4137,

261.1208, 263.0379

0.0000

350.8013,
313.2958, 317.0635

■ 0.3437, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5623, 46.2955,
43.8269

■ 59.5623, 46.2955,
43.8269

■ 54.0755, 38.2309,
33.0295

■ 66.2517, 56.2645,
56.5683

■ 49.7150, 31.9425,
24.0766

■ 74.2062, 68.2419,
71.3408

■ 46.4016, 27.2971,
16.8642

■ 83.4886, 82.3322,
88.2295

■ 44.0439, 24.1393,
11.2760

■ 94.1563, 98.6304,
107.3136

■ 42.5337, 22.2840,
7.1811

95.0500, 100.0000,
108.9000

■ 41.7446, 21.4618,
4.5870

Harmonies

Analogous

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



58.7399, 46.2955, 65.8716



59.5623, 46.2955, 43.8269



55.8711, 46.2955, 28.5939

Triad

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



59.5623, 46.2955, 43.8269



35.5217, 46.2955, 25.1244



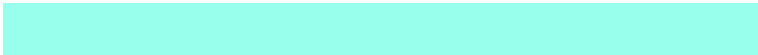
39.2583, 46.2955, 99.0921

Complementary

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



59.5623, 46.2955, 43.8269



63.6649, 84.1564, 92.2496

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.



33.9463, 46.2955, 81.1906



59.5623, 46.2955, 43.8269



31.9625, 46.2955, 37.5762

Square

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



59.5623, 46.2955, 43.8269



41.6402, 46.2955, 19.9756



31.4200, 46.2955, 57.6168



46.4525, 46.2955, 102.1576

Rectangle

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



59.5623, 46.2955, 43.8269



51.5666, 46.2955, 22.7751



31.4200, 46.2955, 57.6168



37.2168, 46.2955, 94.4126

Sweetspot

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



59.5635, 46.2978, 43.8278



82.2847, 80.4991, 86.0559



63.6881, 47.1771, 100.3571



17.3409, 16.8172, 17.9284



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.



59.5635, 46.2978, 43.8278



54.9685, 39.5342, 34.8153



63.9541, 57.7498, 37.0572



18.1448, 18.0412, 19.3799



21.8511, 11.2298, 2.6007



2.1623, 1.1073, 0.4363

Inverse Universe

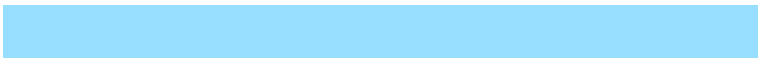
The Inverse Universe completely reimagines the original color for something new.



59.5635, 46.2978, 43.8278



54.9685, 39.5342, 34.8153



56.9533, 66.0791, 104.3605



18.1448, 18.0412, 19.3799



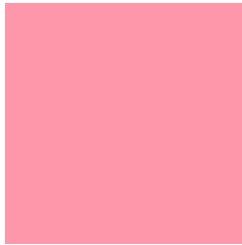
21.8511, 11.2298, 2.6007



2.1623, 1.1073, 0.4363

Previews

White Background



This preview shows how the XYZ color 59.5623, 46.2955, 43.8269 looks on a white background.

Color Contrast Check

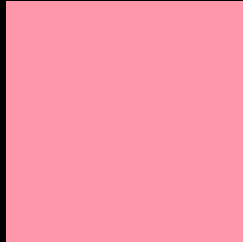
Large Text (above 18pt) WCAG AA × Fail

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 59.5623, 46.2955, 43.8269 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 59.5623, 46.2955, 43.8269

Background



This preview shows how black text looks on a background with the XYZ color 59.5623, 46.2955, 43.8269.



This preview shows how white text looks on a background with the XYZ color 59.5623, 46.2955,

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

59.5623, 46.2955, 43.8269

Protanopia

45.0220, 46.7029, 53.6554

Deuteranopia

47.3897, 46.3923, 42.5333



Tritanopia

58.7121, 46.1716, 40.4679

Trichromacy



Original Color

59.5623, 46.2955, 43.8269



Protanomaly

49.0097, 45.6410, 49.9426



Deuteranomaly

51.0427, 45.7504, 42.6997



Tritanomaly

58.9842, 46.2805, 41.9006

Monochromacy



Original Color

59.5623, 46.2955, 43.8269



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.4675, 46.4614, 49.0085

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5623, 46.2955, 43.8269 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 170) }
```

Border

The CSS property to change the border of an element to XYZ 59.5623, 46.2955, 43.8269 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, 170) }
```


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

```
.border{ border-color:rgb(255, 151, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5623, 46.2955, 43.8269 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, 170) }
```

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

```
.background{ background-color: rgb(255,  
151, 170) }
```

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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