

Converting Colors

XYZ(59.9842, 48.7363, 44.3692)

Have a look what the booklet for
XYZ(59.9842, 48.7363, 44.3692)
contains.

XYZ(59.9714, 48.7393, 44.2770)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.9714, 48.7393,
44.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	FCA0AA
RGB	252, 160, 170
RGB Percent	99%, 63%, 67%
CMY	0.0118, 0.3725, 0.3333
CMYK	0.00, 0.37, 0.33, 0.01
HSL	353°, 94%, 81%
HSV	353°, 37%, 99%
XYZ	59.9714, 48.7393, 44.2770
YIQ	188.6480, 51.6220, 22.6140

Conversions

Conversions Part 2

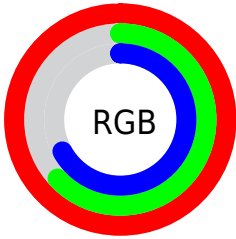
Format	Color
R _Y B	252, 160, 170
Decimal	16556202
CIE Lab	75.29, 35.36, 9.22
CIE LCh	75, 36.546, 14.615
Yxy	48.7393, 0.3920, 0.3186
Android (android.graphics.Color)	4294746282 (0xFFFC A0AA)
YUV	188.6480, -9.1935, 55.5597
Hunter-Lab	69.8135, 31.1618, 11.2667

Details

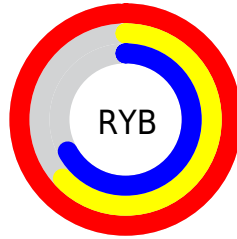
The XYZ color **59.9714, 48.7393, 44.2770** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **65.3368, 83.5064, 96.6835**, and the grayscale version is **48.2001, 50.7103, 55.2235**.

A 20% lighter version of the original color is **79.3865, 75.8080, 81.6824**, and **30.5200, 23.1609, 20.0014** is the 20% darker color. If you saturate the color by 10%, you get **54.0908, 40.0930, 32.7139**, and if you desaturate by 10%, it is **67.1030, 59.3062, 58.0493**.

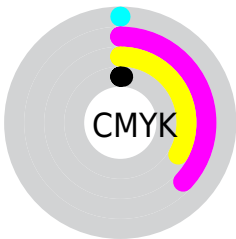
Distribution



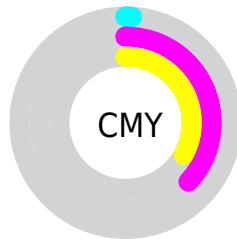
- Red (99%)
- Green (63%)
- Blue (67%)



- Red (99%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (37%)
- Yellow (33%)
- Black (1%)





- Cyan (1%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.9714, 48.7393, 44.2770 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 59.9714, 48.7393, 44.2770 by changing the saturation by 10% instead.


 59.9714, 48.7393,
44.2770


 59.9714, 48.7393,
44.2770


414.3288,
381.7151, 379.9118

 43.6450, 34.4127,
30.5495


 103.8948, 88.3041,
82.9413

 30.5882, 23.2108,
20.0005


 132.2224,
114.3112, 108.7152

 20.4358, 14.7493,
12.2113


165.2811,
144.9805, 139.3418

 12.8223, 8.6436,
6.7635

203.4363,
180.6965, 175.2394

 7.3824, 4.5095,
3.2384

247.0533,
221.8436, 216.8267

 3.7509, 1.9624,
1.2176

296.4975,

 1.5622, 0.5855,

268.8061, 264.5221

0.0000

352.1342,
321.9685, 318.7443

■ 0.3676, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9714, 48.7393,
44.2770

■ 59.9714, 48.7393,
44.2770

■ 54.0908, 40.0930,
32.7139

■ 67.1030, 59.3062,
58.0493

■ 49.3851, 33.2452,
23.2419

■ 75.5482, 71.8921,
74.1345

■ 45.7758, 28.0710,
15.7364

■ 85.3700, 86.5972,
92.6335

■ 43.1732, 24.4261,
10.0582

■ 93.9550, 99.4355,
108.8488

■ 41.4730, 22.1423,
6.0498

■ 40.5473, 21.0094,
3.5261

■ 40.3472, 20.7764,
2.9437

Harmonies

Analogous

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



59.9181, 48.7393, 63.4926



59.9714, 48.7393, 44.2770



56.1343, 48.7393, 31.1095

Triad

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



59.9714, 48.7393, 44.2770



37.8381, 48.7393, 30.8642



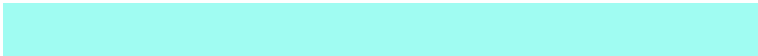
42.9845, 48.7393, 97.2855

Complementary

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



59.9714, 48.7393, 44.2770



65.3368, 83.5064, 96.6835

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.



37.7311, 48.7393, 83.4962



59.9714, 48.7393, 44.2770



34.9613, 48.7393, 43.8533

Square

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



59.9714, 48.7393, 44.2770



43.1440, 48.7393, 24.7333



34.9241, 48.7393, 62.9536



49.6591, 48.7393, 97.4781

Rectangle

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



59.9714, 48.7393, 44.2770



52.0820, 48.7393, 26.1874



34.9241, 48.7393, 62.9536



41.0092, 48.7393, 93.9621

Sweetspot

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



59.9727, 48.7417, 44.2780



82.9780, 81.8839, 86.2928



66.5097, 50.9200, 98.4188



17.4685, 17.0891, 17.9198



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.



59.9727, 48.7417, 44.2780



56.9480, 43.2111, 36.3450



66.0665, 62.3854, 41.8202



17.3213, 17.2559, 18.2815



21.0427, 10.8328, 1.6673



1.9732, 1.0130, 0.2825

Inverse Universe

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



59.9727, 48.7417, 44.2780



56.9480, 43.2111, 36.3450



56.8141, 63.9922, 101.4530



17.3213, 17.2559, 18.2815



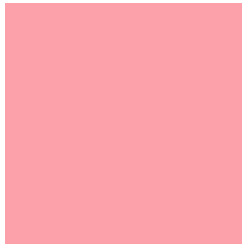
21.0427, 10.8328, 1.6673



1.9732, 1.0130, 0.2825

Previews

White Background



This preview shows how the XYZ color 59.9714, 48.7393, 44.2770 looks on a white background.

Color Contrast Check

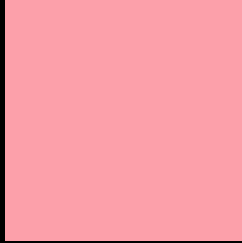
Large Text (above 18pt) WCAG AA × Fail

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 59.9714, 48.7393, 44.2770 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 59.9714, 48.7393, 44.2770

Background



This preview shows how black text looks on a background with the XYZ color 59.9714, 48.7393, 44.2770.



This preview shows how white text looks on a background with the XYZ color 59.9714, 48.7393,

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

59.9714, 48.7393, 44.2770

Protanopia

47.2359, 49.1058, 52.3362

Deuteranopia

49.9591, 48.8791, 43.3607



Tritanopia

60.1621, 48.8156, 45.2812

Trichromacy



Original Color

59.9714, 48.7393, 44.2770



Protanomaly

51.1026, 48.4515, 49.3065



Deuteranomaly

53.1844, 48.5010, 43.6043



Tritanomaly

60.0664, 48.7773, 44.7772

Monochromacy



Original Color

59.9714, 48.7393, 44.2770



Achromatopsia

48.3692, 50.8881, 55.4172



Achromatomaly

51.5153, 49.2152, 51.0403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9714, 48.7393, 44.2770 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(252, 160, 170)` looks like.

```
.text, #text, p{  
    color:rgb(252, 160, 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(252, 160, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 160, 170) }
```

Border

The CSS property to change the border of an element to XYZ 59.9714, 48.7393, 44.2770 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(252, 160, 170) }
```


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

```
.border{ border-color:rgb(252, 160, 170) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(252, 160, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 160, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 160, 170);  
box-shadow:4px 4px 4px 4px rgb(252, 160,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9714, 48.7393, 44.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 160, 170) }
```

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

```
.background{ background-color: rgb(252,  
160, 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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