

Converting Colors

XYZ(59.3235, 45.8243, 43.7274)

Have a look what the booklet for
XYZ(59.3235, 45.8243, 43.7274)
contains.

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Color

**XYZ(59.4020, 45.9750,
43.7734)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96AA
RGB	255, 150, 170
RGB Percent	100%, 59%, 67%
CMY	0.0000, 0.4117, 0.3333
CMYK	0.00, 0.41, 0.33, 0.00
HSL	349°, 100%, 79%
HSV	349°, 41%, 100%
XYZ	59.4020, 45.9750, 43.7734
YIQ	183.6750, 56.1600, 28.4800

Conversions

Conversions Part 2

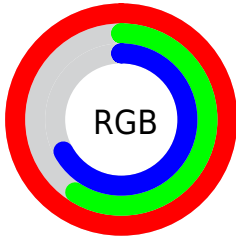
Format	Color
R _Y B	255, 150, 170
Decimal	16750250
CIE Lab	73.53, 41.59, 6.75
CIE LCh	74, 42.131, 9.222
Yxy	45.9750, 0.3983, 0.3082
Android (android.graphics.Color)	4294940330 (0xFFFF96AA)
YUV	183.6750, -6.7418, 62.5520
Hunter-Lab	67.8049, 37.7205, 9.1870

Details

The XYZ color **59.4020, 45.9750, 43.7734** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.3352, 84.0032, 91.4780**, and the grayscale version is **45.3963, 47.7604, 52.0111**.

A 20% lighter version of the original color is **76.9019, 70.8389, 80.8543**, and **30.3097, 21.5932, 19.7099** is the 20% darker color. If you saturate the color by 10%, you get **53.9647, 37.9841, 33.0708**, and if you desaturate by 10%, it is **66.0338, 55.8637, 56.3880**.

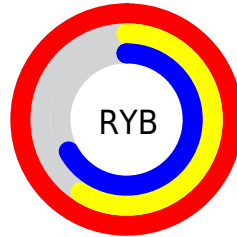
Distribution



Red (100%)

Green (59%)

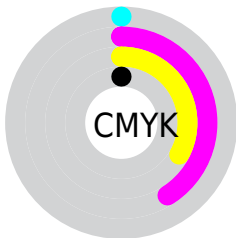
Blue (67%)



Red (100%)

Yellow (59%)

Blue (67%)

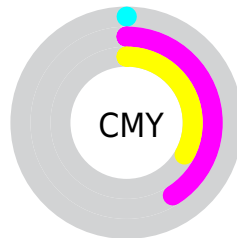


Cyan (0%)

Magenta (41%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4020, 45.9750, 43.7734 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 59.4020, 45.9750, 43.7734 by changing the saturation by 10% instead.


 59.4020, 45.9750,
43.7734


 59.4020, 45.9750,
43.7734


412.2602,
370.7081, 377.7970

 43.1844, 32.2261,
30.1565


 103.0730, 84.1816,
82.1755

 30.2250, 21.5343,
19.7044


 131.2571,
109.4080, 107.7978

 20.1583, 13.5151,
11.9984


164.1608,
139.2292, 138.2590

 12.6191, 7.7842,
6.6201

202.1494,
174.0293, 173.9776

 7.2420, 3.9572,
3.1508

245.5883,
214.1929, 215.3721

 3.6616, 1.6496,
1.1722

294.8428,

 1.5125, 0.3907,

260.1043, 262.8612

0.0000

350.2783,
312.1479, 316.8633

0.3343, 0.0000,
0.0000

0.0000, 0.0000,
0.0000

59.4020, 45.9750,
43.7734

59.4020, 45.9750,
43.7734

53.9647, 37.9841,
33.0708

66.0338, 55.8637,
56.3880

49.6459, 31.7624,
24.1831

73.9224, 67.7542,
70.9999

46.3664, 27.1762,
17.0083

83.1304, 81.7513,
87.6922

44.0349, 24.0696,
11.4331

93.7149, 97.9502,
106.5426

■ 42.5432, 22.2560, 95.0500, 100.0000,
7.3293 108.9000

■ 41.7851, 21.4780,
4.8006

Harmonies

Analogous

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



58.4914, 45.9750, 66.0531



59.4020, 45.9750, 43.7734



55.7497, 45.9750, 28.3566

Triad

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



59.4020, 45.9750, 43.7734



35.2584, 45.9750, 24.5459



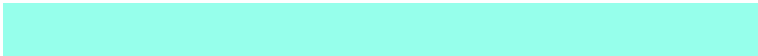
38.8147, 45.9750, 98.9929

Complementary

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



59.4020, 45.9750, 43.7734



63.3352, 84.0032, 91.4780

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.



33.5216, 45.9750, 80.7074



59.4020, 45.9750, 43.7734



31.6361, 45.9750, 36.8806

Square

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



59.4020, 45.9750, 43.7734



41.4442, 45.9750, 19.5212



31.0385, 45.9750, 56.9191



46.0318, 45.9750, 102.3967

Rectangle

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



59.4020, 45.9750, 43.7734



51.4383, 45.9750, 22.4558



31.0385, 45.9750, 56.9191



36.7757, 45.9750, 94.1778

Sweetspot

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



59.4032, 45.9773, 43.7743



82.3181, 80.5125, 86.2321



62.8896, 46.5276, 100.2738



17.3487, 16.8204, 17.9696



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.



59.4032, 45.9773, 43.7743



55.0491, 39.5665, 35.2396



63.3723, 56.7157, 36.4643



18.1507, 18.0436, 19.4107



21.8737, 11.2388, 2.7193



2.1654, 1.1085, 0.4522

Inverse Universe

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



59.4032, 45.9773, 43.7743



55.0491, 39.5665, 35.2396



57.1510, 66.7488, 104.4793



18.1507, 18.0436, 19.4107



21.8737, 11.2388, 2.7193



2.1654, 1.1085, 0.4522

Previews

White Background



This preview shows how the XYZ color 59.4020, 45.9750, 43.7734 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 59.4020, 45.9750, 43.7734 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 59.4020, 45.9750, 43.7734

Background



This preview shows how black text looks on a background with the XYZ color 59.4020, 45.9750, 43.7734.



This preview shows how white text looks on a background with the XYZ color 59.4020, 45.9750,

43.7734.

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

59.4020, 45.9750, 43.7734

Protanopia

44.8193, 46.2977, 53.5878

Deuteranopia

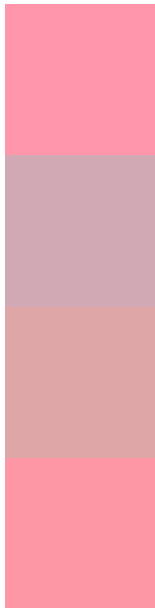
47.1147, 46.2505, 42.5204



Tritanopia

58.4612, 45.8127, 39.9439

Trichromacy



Original Color

59.4020, 45.9750, 43.7734

Protanomaly

48.8230, 45.2674, 49.8803

Deuteranomaly

51.0427, 45.7504, 42.6997

Tritanomaly

58.7312, 45.9207, 41.3654

Monochromacy



Original Color

59.4020, 45.9750, 43.7734

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 59.4020, 45.9750, 43.7734 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, 150, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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, 150, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 170) }
```

Border

The CSS property to change the border of an element to XYZ 59.4020, 45.9750, 43.7734 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, 150, 170) }
```


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

```
.border{ border-color:rgb(255, 150, 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, 150, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4020, 45.9750, 43.7734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 170) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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