

Converting Colors

XYZ(60.8243, 46.5363, 45.3248)

Have a look what the booklet for
XYZ(60.8243, 46.5363, 45.3248)
contains.

XYZ(59.5303, 45.7720, 45.2325)	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(59.5303, 45.7720,
45.2325)**

Conversions

Conversions Part 1

Format	Color
Hex	FF95AD
RGB	255, 149, 173
RGB Percent	100%, 58%, 68%
CMY	0.0000, 0.4157, 0.3216
CMYK	0.00, 0.42, 0.32, 0.00
HSL	346°, 100%, 79%
HSV	346°, 42%, 100%
XYZ	59.5303, 45.7720, 45.2325
YIQ	183.4300, 55.4720, 29.9360

Conversions

Conversions Part 2

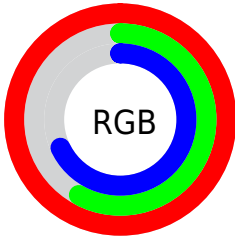
Format	Color
R _Y B	255, 149, 173
Decimal	16749997
CIE Lab	73.40, 42.46, 4.90
CIE LCh	73, 42.744, 6.585
Yxy	45.7720, 0.3955, 0.3041
Android (android.graphics.Color)	4294940077 (0xFFFF95AD)
YUV	183.4300, -5.1420, 62.7669
Hunter-Lab	67.6550, 38.6676, 7.7186

Details

The XYZ color **59.5303, 45.7720, 45.2325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.5803, 83.6800, 88.4590**, and the grayscale version is **45.2530, 47.6097, 51.8470**.

A 20% lighter version of the original color is **77.0749, 70.5241, 82.9490**, and **30.3990, 21.4820, 20.6334** is the 20% darker color. If you saturate the color by 10%, you get **54.1584, 37.8609, 34.7091**, and if you desaturate by 10%, it is **66.0695, 55.5664, 57.5366**.

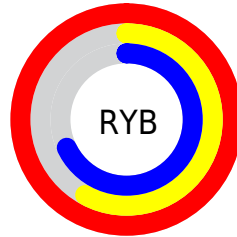
Distribution



Red (100%)

Green (58%)

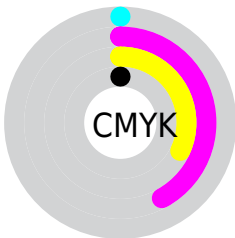
Blue (68%)



Red (100%)

Yellow (58%)

Blue (68%)

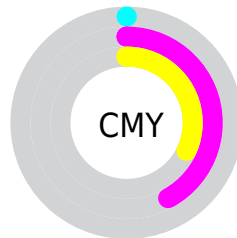


Cyan (0%)

Magenta (42%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5303, 45.7720, 45.2325 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 59.5303, 45.7720, 45.2325 by changing the saturation by 10% instead.


 59.5303, 45.7720,
45.2325


 59.5303, 45.7720,
45.2325


412.7268,
369.8913, 383.9019

 43.2882, 32.0659,
31.2963

 103.2582, 83.8777,
84.3913

 30.3068, 21.4119,
20.5642


 131.4747,
109.0461, 110.4511

 20.2208, 13.4254,
12.6177


164.4134,
138.8040, 141.3891

 12.6648, 7.7221,
7.0382

202.4396,
173.5360, 177.6239

 7.2736, 3.9177,
3.4072

245.9187,
213.6263, 219.5740

 3.6816, 1.6276,
1.3061

295.2161,

 1.5236, 0.3761,

259.4593, 267.6580

0.0668

350.6970,
311.4195, 322.2945

■ 0.3418, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5303, 45.7720,
45.2325

■ 59.5303, 45.7720,
45.2325

■ 54.1584, 37.8609,
34.7091

■ 66.0695, 55.5664,
57.5366

■ 49.8798, 31.7052,
25.8795

■ 73.8371, 67.3482,
71.6972

■ 46.6172, 27.1713,
18.6532

■ 82.8940, 81.2214,
87.7888

■ 44.2813, 24.1034,
12.9297

■ 93.2958, 97.2812,
105.8812

■ 42.7659, 22.3145, 95.0500, 100.0000,
8.5962 108.9000

■ 41.9968, 21.5627,
5.9151

Harmonies

Analogous

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



58.1888, 45.7720, 68.1973



59.5303, 45.7720, 45.2325



56.1964, 45.7720, 28.9847

Triad

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



59.5303, 45.7720, 45.2325



35.4338, 45.7720, 23.4076



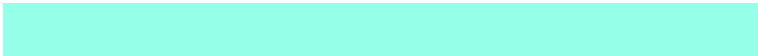
38.0015, 45.7720, 98.3911

Complementary

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



59.5303, 45.7720, 45.2325



62.5803, 83.6800, 88.4590

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.



32.8844, 45.7720, 78.8606



59.5303, 45.7720, 45.2325



31.5258, 45.7720, 35.1101

Square

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



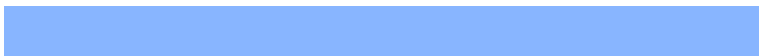
59.5303, 45.7720, 45.2325



41.8656, 45.7720, 18.9535



30.6493, 45.7720, 54.7458



45.1865, 45.7720, 103.4172

Rectangle

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



59.5303, 45.7720, 45.2325



51.9748, 45.7720, 22.6216



30.6493, 45.7720, 54.7458



36.0092, 45.7720, 93.0773

Sweetspot

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



59.5314, 45.7742, 45.2334



82.4734, 80.5746, 87.0494



61.5178, 45.5844, 100.1641



17.3850, 16.8349, 18.1606



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.



59.5314, 45.7742, 45.2334



54.9257, 38.9808, 36.2430



62.4412, 54.9818, 35.7581



18.1778, 18.0544, 19.5532



21.9903, 11.2854, 3.3332



2.1804, 1.1145, 0.5312

Inverse Universe

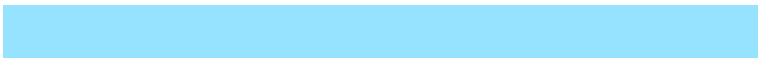
The Inverse Universe completely reimagines the original color for something new.



59.5314, 45.7742, 45.2334



54.9257, 38.9808, 36.2430



57.8423, 68.4036, 104.7623



18.1778, 18.0544, 19.5532



21.9903, 11.2854, 3.3332



2.1804, 1.1145, 0.5312

Previews

White Background



This preview shows how the XYZ color 59.5303, 45.7720, 45.2325 looks on a white background.

Color Contrast Check

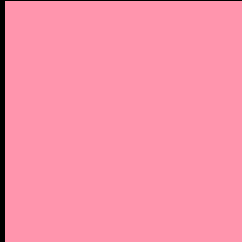
Large Text (above 18pt) WCAG AA × Fail

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 59.5303, 45.7720, 45.2325 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 59.5303, 45.7720, 45.2325

Background



This preview shows how black text looks on a background with the XYZ color 59.5303, 45.7720, 45.2325.



This preview shows how white text looks on a background with the XYZ color 59.5303, 45.7720,

45.2325.

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

59.5303, 45.7720, 45.2325

Protanopia

44.7813, 46.2279, 55.8529

Deuteranopia

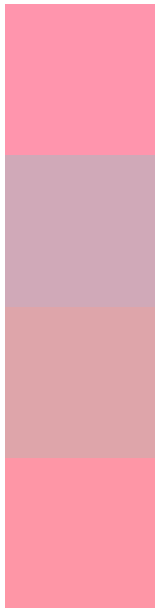
46.9261, 45.8332, 43.9095



Tritanopia

58.4612, 45.8127, 39.9439

Trichromacy



Original Color

59.5303, 45.7720, 45.2325

Protanomaly

48.8521, 45.2465, 51.5061

Deuteranomaly

50.8350, 45.3421, 44.1028

Tritanomaly

58.6623, 45.6367, 41.7933

Monochromacy



Original Color

59.5303, 45.7720, 45.2325

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

48.9941, 45.9358, 48.9321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5303, 45.7720, 45.2325 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, 149, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 173)  
}
```

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, 149, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 173) }
```

Border

The CSS property to change the border of an element to XYZ 59.5303, 45.7720, 45.2325 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, 149, 173) }
```


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

```
.border{ border-color:rgb(255, 149, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5303, 45.7720, 45.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 173) }
```

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

```
.background{ background-color: rgb(255,  
149, 173) }
```

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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