

Converting Colors

XYZ(59.6588, 46.1944, 44.7654)

Have a look what the booklet for
XYZ(59.6588, 46.1944, 44.7654)
contains.

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Color

**XYZ(59.5927, 46.0513,
44.7776)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96AC
RGB	255, 150, 172
RGB Percent	100%, 59%, 67%
CMY	0.0000, 0.4117, 0.3255
CMYK	0.00, 0.41, 0.33, 0.00
HSL	347°, 100%, 79%
HSV	347°, 41%, 100%
XYZ	59.5927, 46.0513, 44.7776
YIQ	183.9030, 55.5180, 29.1020

Conversions

Conversions Part 2

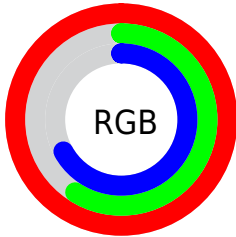
Format	Color
R _Y B	255, 150, 172
Decimal	16750252
CIE Lab	73.58, 41.83, 5.72
CIE LCh	74, 42.219, 7.782
Yxy	46.0513, 0.3962, 0.3061
Android (android.graphics.Color)	4294940332 (0xFFFF96AC)
YUV	183.9030, -5.8682, 62.3521
Hunter-Lab	67.8611, 37.9941, 8.3808

Details

The XYZ color **59.5927, 46.0513, 44.7776** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0478, 83.8882, 89.9645**, and the grayscale version is **45.5176, 47.8881, 52.1501**.

A 20% lighter version of the original color is **77.1764, 70.9487, 82.2999**, and **30.4298, 21.6412, 20.3426** is the 20% darker color. If you saturate the color by 10%, you get **54.1660, 38.0646, 34.1306**, and if you desaturate by 10%, it is **66.2009, 55.9306, 57.2682**.

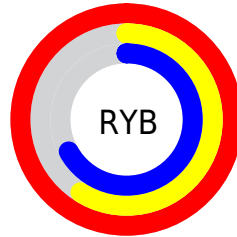
Distribution



Red (100%)

Green (59%)

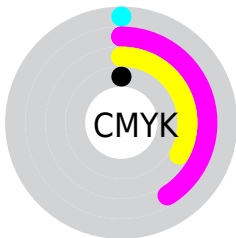
Blue (67%)



Red (100%)

Yellow (59%)

Blue (67%)

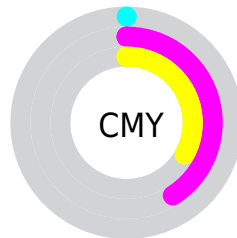


Cyan (0%)

Magenta (41%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.5927, 46.0513, 44.7776 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 59.5927, 46.0513, 44.7776 by changing the saturation by 10% instead.


 59.5927, 46.0513,
44.7776


 59.5927, 46.0513,
44.7776


412.9537,
371.0149, 382.0059

 43.3386, 32.2863,
30.9406

 103.3483, 84.2958,
83.7015

 30.3466, 21.5803,
20.2955


 131.5806,
109.5440, 109.6255

 20.2512, 13.5488,
12.4239


164.5362,
139.3888, 140.4155

 12.6871, 7.8075,
6.9070

202.5807,
174.2146, 176.4902

 7.2889, 3.9720,
3.3264

246.0794,
214.4057, 218.2680

 3.6914, 1.6579,
1.2636

295.3975,

 1.5291, 0.3962,

260.3465, 266.1676

0.0317

350.9005,
312.4214, 320.6074

■ 0.3455, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.5927, 46.0513,
44.7776

■ 59.5927, 46.0513,
44.7776

■ 54.1660, 38.0646,
34.1306

■ 66.2009, 55.9306,
57.2682

■ 49.8458, 31.8423,
25.2358

■ 74.0521, 67.8061,
71.6825

■ 46.5543, 27.2513,
17.9976

■ 83.2076, 81.7822,
88.0988

■ 44.2015, 24.1362,
12.3100

■ 93.7240, 97.9538,
106.5904

■ 42.6807, 22.3110, 95.0500, 100.0000,
8.0535 108.9000

■ 41.8922, 21.5209,
5.3647

Harmonies

Analogous

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



58.4530, 46.0513, 67.3530



59.5927, 46.0513, 44.7776



56.1269, 46.0513, 28.9331

Triad

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



59.5927, 46.0513, 44.7776



35.5500, 46.0513, 24.1589



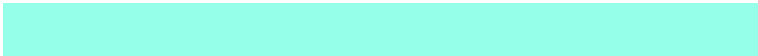
38.5627, 46.0513, 98.6544

Complementary

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



59.5927, 46.0513, 44.7776



63.0478, 83.8882, 89.9645

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.



33.3752, 46.0513, 79.7891



59.5927, 46.0513, 44.7776



31.7786, 46.0513, 36.1454

Square

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



59.5927, 46.0513, 44.7776



41.8548, 46.0513, 19.4391



31.0303, 46.0513, 55.9187



45.7435, 46.0513, 102.9132

Rectangle

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



59.5927, 46.0513, 44.7776



51.8799, 46.0513, 22.7788



31.0303, 46.0513, 55.9187



36.5533, 46.0513, 93.5960

Sweetspot

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



59.5939, 46.0536, 44.7785



82.4003, 80.5454, 86.6646



62.3179, 46.2329, 100.2470



17.3679, 16.8280, 18.0707



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.



59.5939, 46.0536, 44.7785



55.2491, 39.6465, 36.2928



63.0174, 56.0060, 36.3460



18.1650, 18.0493, 19.4861



21.9329, 11.2624, 3.0310



2.1731, 1.1116, 0.4929

Inverse Universe

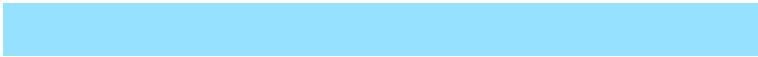
The Inverse Universe completely reimagines the original color for something new.



59.5939, 46.0536, 44.7785



55.2491, 39.6465, 36.2928



57.6224, 67.6915, 104.6364



18.1650, 18.0493, 19.4861



21.9329, 11.2624, 3.0310



2.1731, 1.1116, 0.4929

Previews

White Background



This preview shows how the XYZ color 59.5927, 46.0513, 44.7776 looks on a white background.

Color Contrast Check

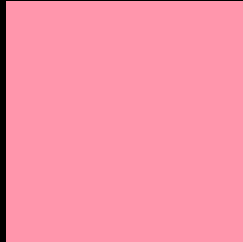
Large Text (above 18pt) WCAG AA × Fail

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 59.5927, 46.0513, 44.7776 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 59.5927, 46.0513, 44.7776

Background



This preview shows how black text looks on a background with the XYZ color 59.5927, 46.0513, 44.7776.



This preview shows how white text looks on a background with the XYZ color 59.5927, 46.0513,

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

59.5927, 46.0513, 44.7776

Protanopia

44.7980, 46.2617, 54.7124

Deuteranopia

47.2997, 46.3245, 43.4943



Tritanopia

58.7121, 46.1716, 40.4679

Trichromacy



Original Color

59.5927, 46.0513, 44.7776



Protanomaly

49.0297, 45.3501, 50.9691



Deuteranomaly

51.2291, 45.8250, 43.6812



Tritanomaly

58.8226, 45.9572, 41.8467

Monochromacy



Original Color

59.5927, 46.0513, 44.7776



Achromatopsia

45.5594, 47.9320, 52.1980



Achromatomaly

49.5691, 46.5020, 49.5432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5927, 46.0513, 44.7776 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 172) }
```

Border

The CSS property to change the border of an element to XYZ 59.5927, 46.0513, 44.7776 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, 172) }
```


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

```
.border{ border-color:rgb(255, 150, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5927, 46.0513, 44.7776 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, 172) }
```

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

```
.background{ background-color: rgb(255,  
150, 172) }
```

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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