

Converting Colors

XYZ(56.4531, 46.8322, 40.2114)

Have a look what the booklet for
XYZ(56.4531, 46.8322, 40.2114)
contains.

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Color

**XYZ(56.5759, 46.8174,
40.2372)**

Conversions

Conversions Part 1

Format	Color
Hex	F59FA2
RGB	245, 159, 162
RGB Percent	96%, 62%, 64%
CMY	0.0392, 0.3764, 0.3647
CMYK	0.00, 0.35, 0.34, 0.04
HSL	358°, 81%, 79%
HSV	358°, 35%, 96%
XYZ	56.5759, 46.8174, 40.2372
YIQ	185.0560, 50.2930, 19.1650

Conversions

Conversions Part 2

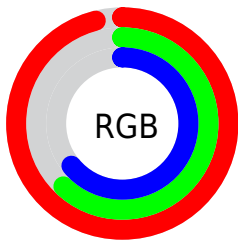
Format	Color
R _Y B	245, 159, 162
Decimal	16097186
CIE Lab	74.07, 32.35, 11.78
CIE LCh	74, 34.430, 20.000
Yxy	46.8174, 0.3939, 0.3260
Android (android.graphics.Color)	4294287266 (0xFFFF59FA2)
YUV	185.0560, -11.3666, 52.5709
Hunter-Lab	68.4232, 27.8524, 13.0300

Details

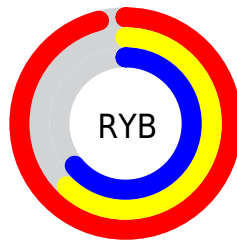
The XYZ color **56.5759, 46.8174, 40.2372** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.9796, 79.0876, 95.9547**, and the grayscale version is **46.1880, 48.5934, 52.9182**.

A 20% lighter version of the original color is **77.8110, 74.3629, 75.8980**, and **28.4620, 21.9987, 17.4979** is the 20% darker color. If you saturate the color by 10%, you get **50.8646, 38.4483, 28.9199**, and if you desaturate by 10%, it is **63.5199, 57.0190, 53.9163**.

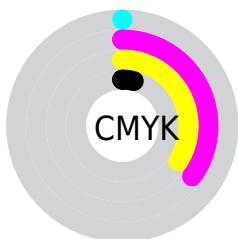
Distribution



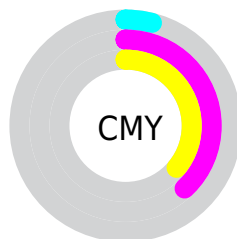
- Red (96%)
- Green (62%)
- Blue (64%)



- Red (96%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (34%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5759, 46.8174, 40.2372 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 56.5759, 46.8174, 40.2372 by changing the saturation by 10% instead.


 56.5759, 46.8174,
40.2372


 56.5759, 46.8174,
40.2372


401.8982,
374.0852, 362.7041

 40.9037, 32.8913,
27.4083


 98.9810, 85.4410,
76.7656

 28.4311, 22.0432,
17.6450


 126.4446,
110.9073, 101.3022

 18.7930, 13.8887,
10.5286


158.5694,
140.9891, 130.5786

 11.6239, 8.0433,
5.6407

195.7207,
176.0709, 165.0131

 6.5585, 4.1226,
2.5626

238.2639,
216.5370, 205.0244

 3.2314, 1.7424,
0.8731

286.5643,

 1.2773, 0.4509,

262.7718, 251.0309

0.0000

340.9872,
315.1598, 303.4513

■ 0.1661, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5759, 46.8174,
40.2372

■ 56.5759, 46.8174,
40.2372

■ 50.8646, 38.4483,
28.9199

■ 63.5199, 57.0190,
53.9163

■ 46.3105, 31.7968,
19.8281

■ 71.7588, 69.1455,
70.0774

■ 42.8357, 26.7459,
12.8161

■ 81.3552, 83.2911,
88.8360

■ 40.3509, 23.1609,
7.7193

■ 91.4662, 98.1525,
108.7323

■ 38.7528, 20.8852,
4.3487

■ 37.9151, 19.7265,
2.4767

■ 37.7029, 19.4312,
2.0084

Harmonies

Analogous

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



57.2050, 46.8174, 57.0933



56.5759, 46.8174, 40.2372



52.5502, 46.8174, 29.1650

Triad

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



56.5759, 46.8174, 40.2372



36.0318, 46.8174, 32.1409



42.4743, 46.8174, 92.1864

Complementary

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



56.5759, 46.8174, 40.2372



62.9796, 79.0876, 95.9547

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.



37.3144, 46.8174, 81.6094



56.5759, 46.8174, 40.2372



33.8284, 46.8174, 45.3124

Square

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



56.5759, 46.8174, 40.2372



40.5711, 46.8174, 25.2928



34.2753, 46.8174, 63.4738



48.6716, 46.8174, 89.9345

Rectangle

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



56.5759, 46.8174, 40.2372



48.6716, 46.8174, 25.2928



34.2753, 46.8174, 63.4738



40.5711, 46.8174, 89.9345

Sweetspot

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



56.5771, 46.8197, 40.2381



82.6888, 81.7682, 84.7702



65.0541, 50.0392, 92.6160



17.4003, 17.0618, 17.5605



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.



56.5771, 46.8197, 40.2381



57.4514, 44.6633, 35.1398



64.0412, 62.1687, 41.4283



16.5225, 16.4919, 17.2322



20.3217, 10.4721, 1.1364



1.7941, 0.9236, 0.1424

Inverse Universe

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



56.5771, 46.8197, 40.2381



57.4514, 44.6633, 35.1398



52.9251, 58.2528, 94.8407



16.5225, 16.4919, 17.2322



20.3217, 10.4721, 1.1364



1.7941, 0.9236, 0.1424

Previews

White Background



This preview shows how the XYZ color 56.5759, 46.8174, 40.2372 looks on a white background.

Color Contrast Check

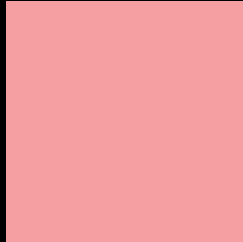
Large Text (above 18pt) WCAG AA × Fail

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 56.5759, 46.8174, 40.2372 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 56.5759, 46.8174, 40.2372

Background



This preview shows how black text looks on a background with the XYZ color 56.5759, 46.8174, 40.2372.



This preview shows how white text looks on a background with the XYZ color 56.5759, 46.8174,

40.2372.

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

56.5759, 46.8174, 40.2372

Protanopia

45.1070, 47.2033, 46.7781

Deuteranopia

48.0778, 47.1092, 39.3599



Tritanopia

57.4886, 46.9488, 44.0623

Trichromacy



Original Color

56.5759, 46.8174, 40.2372

Protanomaly

48.6862, 46.7297, 44.4839

Deuteranomaly

50.8441, 46.8171, 39.6145

Tritanomaly

57.2079, 46.8366, 42.5844

Monochromacy



Original Color

56.5759, 46.8174, 40.2372

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.1933, 47.4904, 48.1688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5759, 46.8174, 40.2372 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(245, 159, 162)` looks like.

```
.text, #text, p{  
    color:rgb(245, 159, 162)  
}
```

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(245, 159, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 159, 162) }
```

Border

The CSS property to change the border of an element to XYZ 56.5759, 46.8174, 40.2372 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(245, 159, 162) }
```


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

```
.border{ border-color:rgb(245, 159, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 159, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 159, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 159, 162);  
box-shadow:4px 4px 4px 4px rgb(245, 159,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5759, 46.8174, 40.2372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 159, 162) }
```

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

```
.background{ background-color: rgb(245,  
159, 162) }
```

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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