

Converting Colors

XYZ(56.9666, 46.4833, 40.3921)

Have a look what the booklet for
XYZ(56.9666, 46.4833, 40.3921)
contains.

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Color

**XYZ(57.0256, 46.5324,
40.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	F79DA3
RGB	247, 157, 163
RGB Percent	97%, 62%, 64%
CMY	0.0314, 0.3843, 0.3608
CMYK	0.00, 0.36, 0.34, 0.03
HSL	356°, 85%, 79%
HSV	356°, 36%, 97%
XYZ	57.0256, 46.5324, 40.6264
YIQ	184.5940, 51.7140, 20.9460

Conversions

Conversions Part 2

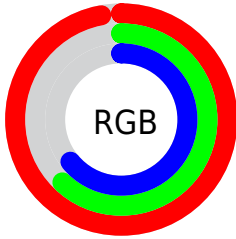
Format	Color
R _Y B	247, 157, 163
Decimal	16227747
CIE Lab	73.89, 34.25, 11.00
CIE LCh	74, 35.977, 17.801
Yxy	46.5324, 0.3955, 0.3227
Android (android.graphics.Color)	4294417827 (0xFFFF79DA3)
YUV	184.5940, -10.6458, 54.7301
Hunter-Lab	68.2147, 29.8455, 12.4391

Details

The XYZ color **57.0256, 46.5324, 40.6264** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0447, 80.0416, 95.3501**, and the grayscale version is **45.9268, 48.3186, 52.6190**.

A 20% lighter version of the original color is **77.4384, 73.4089, 76.4176**, and **28.5586, 21.7397, 17.7299** is the 20% darker color. If you saturate the color by 10%, you get **51.3804, 38.2518, 29.4655**, and if you desaturate by 10%, it is **63.8946, 56.6575, 54.0539**.

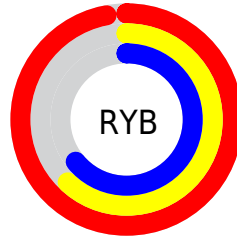
Distribution



Red (97%)

Green (62%)

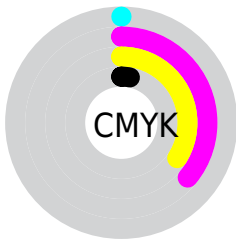
Blue (64%)



Red (97%)

Yellow (62%)

Blue (64%)

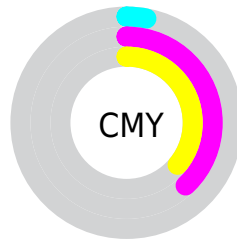


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (3%)



Cyan (3%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.0256, 46.5324, 40.6264 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 57.0256, 46.5324, 40.6264 by changing the saturation by 10% instead.


 57.0256, 46.5324,
40.6264


 57.0256, 46.5324,
40.6264


403.5579,
372.9450, 364.3870

 41.2660, 32.6662,
27.7098


 99.6337, 85.0152,
77.3639

 28.7156, 21.8708,
17.8699


 127.2129,
110.4006, 102.0219

 19.0090, 13.7620,
10.6881

159.4627,
140.3944, 131.4308

 11.7808, 7.9553,
5.7460

196.7484,
175.3812, 166.0090

 6.6657, 4.0664,
2.6250

239.4354,
215.7452, 206.1753

 3.2984, 1.7108,
0.9053

287.8891,

 1.3135, 0.4306,

261.8709, 252.3480

0.0000

342.4748,
314.1427, 304.9457

■ 0.1933, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.0256, 46.5324,
40.6264

■ 57.0256, 46.5324,
40.6264

■ 51.3804, 38.2518,
29.4655

■ 63.8946, 56.6575,
54.0539

■ 46.8835, 31.6983,
20.4436

■ 72.0494, 68.7217,
69.8605

■ 43.4570, 26.7516,
13.4245

■ 81.5525, 82.8212,
88.1548

■ 41.0117, 23.2733,
8.2553

■ 92.1678, 98.5142,
108.7651

■ 39.4437, 21.1014,
4.7610

■ 38.6254, 20.0341,
2.7325

■ 38.4548, 19.8130,
2.3057

Harmonies

Analogous

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



57.3956, 46.5324, 58.4932



57.0256, 46.5324, 40.6264



53.0301, 46.5324, 28.7642

Triad

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



57.0256, 46.5324, 40.6264



35.7141, 46.5324, 30.4688



41.6751, 46.5324, 93.5700

Complementary

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



57.0256, 46.5324, 40.6264



63.0447, 80.0416, 95.3501

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.



36.4575, 46.5324, 81.5578



57.0256, 46.5324, 40.6264



33.2455, 46.5324, 43.5699

Square

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



57.0256, 46.5324, 40.6264



40.5671, 46.5324, 23.9492



33.5038, 46.5324, 62.2364



48.1020, 46.5324, 92.2329

Rectangle

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



57.0256, 46.5324, 40.6264



49.0477, 46.5324, 24.5155



33.5038, 46.5324, 62.2364



39.7342, 46.5324, 90.8592

Sweetspot

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



57.0268, 46.5347, 40.6273



82.8129, 81.8178, 85.4237



65.1224, 49.5324, 94.1242



17.4296, 17.0735, 17.7146



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.



57.0268, 46.5347, 40.6273



56.5596, 43.0558, 34.2996



64.1849, 61.6902, 40.4256



16.5439, 16.5004, 17.3447



20.3550, 10.4854, 1.3119



1.8044, 0.9277, 0.1962

Inverse Universe

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



57.0268, 46.5347, 40.6273



56.5596, 43.0558, 34.2996



53.2510, 58.9973, 96.5768



16.5439, 16.5004, 17.3447



20.3550, 10.4854, 1.3119



1.8044, 0.9277, 0.1962

Previews

White Background



This preview shows how the XYZ color 57.0256, 46.5324, 40.6264 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 57.0256, 46.5324, 40.6264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

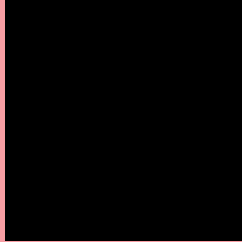
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0256, 46.5324, 40.6264

Background



This preview shows how black text looks on a background with the XYZ color 57.0256, 46.5324, 40.6264.



This preview shows how white text looks on a background with the XYZ color 57.0256, 46.5324,

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

57.0256, 46.5324, 40.6264

Protanopia

44.8539, 46.7471, 47.7333

Deuteranopia

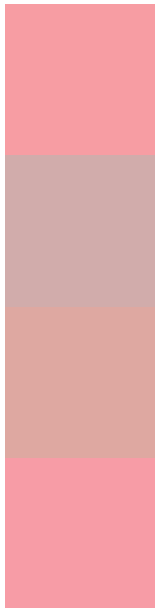
47.6876, 46.6079, 39.7405



Tritanopia

57.3141, 46.3782, 42.9769

Trichromacy



Original Color

57.0256, 46.5324, 40.6264

Protanomaly

48.3977, 46.0006, 44.8563

Deuteranomaly

50.5599, 46.1081, 39.9532

Tritanomaly

57.1292, 46.3043, 42.0030

Monochromacy



Original Color

57.0256, 46.5324, 40.6264

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.2782, 47.2442, 48.1168

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0256, 46.5324, 40.6264 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(247, 157, 163)` looks like.

```
.text, #text, p{  
    color:rgb(247, 157, 163)  
}
```

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(247, 157, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 157, 163) }
```

Border

The CSS property to change the border of an element to XYZ 57.0256, 46.5324, 40.6264 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(247, 157, 163) }
```


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

```
.border{ border-color:rgb(247, 157, 163) }
```

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

Here you see how a box with a 4 pixel rgb(247, 157, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 157, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 157, 163);  
box-shadow:4px 4px 4px 4px rgb(247, 157,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0256, 46.5324, 40.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 157, 163) }
```

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

```
.background{ background-color: rgb(247,  
157, 163) }
```

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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