

Converting Colors

XYZ(57.8874, 47.6741, 43.5734)

Have a look what the booklet for
XYZ(57.8874, 47.6741, 43.5734)
contains.

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Color

**XYZ(57.7383, 47.5990,
43.6805)**

Conversions

Conversions Part 1

Format	Color
Hex	F6A0A9
RGB	246, 160, 169
RGB Percent	96%, 63%, 66%
CMY	0.0353, 0.3725, 0.3373
CMYK	0.00, 0.35, 0.31, 0.04
HSL	354°, 83%, 80%
HSV	354°, 35%, 96%
XYZ	57.7383, 47.5990, 43.6805
YIQ	186.7400, 48.3670, 21.0310

Conversions

Conversions Part 2

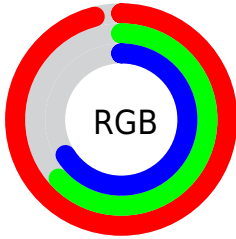
Format	Color
R _Y B	246, 160, 169
Decimal	16162985
CIE Lab	74.57, 33.07, 8.65
CIE LCh	75, 34.179, 14.664
Yxy	47.5990, 0.3875, 0.3194
Android (android.graphics.Color)	4294353065 (0xFFFF6A0A9)
YUV	186.7400, -8.7458, 51.9710
Hunter-Lab	68.9920, 28.6477, 10.7565

Details

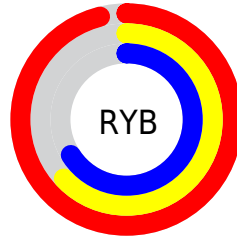
The XYZ color **57.7383, 47.5990, 43.6805** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7412, 79.5007, 92.1633**, and the grayscale version is **47.1174, 49.5711, 53.9830**.

A 20% lighter version of the original color is **79.2504, 75.7536, 80.9660**, and **29.2076, 22.4911, 19.6314** is the 20% darker color. If you saturate the color by 10%, you get **51.9914, 39.1402, 32.4077**, and if you desaturate by 10%, it is **64.6799, 57.8891, 57.0711**.

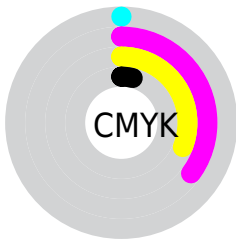
Distribution



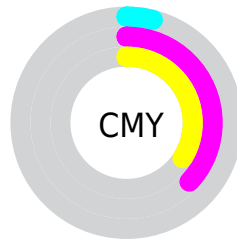
- Red (96%)
- Green (63%)
- Blue (66%)



- Red (96%)
- Yellow (63%)
- Blue (66%)



- Cyan (0%)
- Magenta (35%)
- Yellow (31%)
- Black (4%)





- Cyan (4%)
- Magenta (37%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7383, 47.5990, 43.6805 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 57.7383, 47.5990, 43.6805 by changing the saturation by 10% instead.


 57.7383, 47.5990,
43.6805


 57.7383, 47.5990,
43.6805


406.1797,
377.2005, 377.4060

 41.8407, 33.5094,
30.0841


 100.6668, 86.6071,
82.0341

 29.1672, 22.5170,
19.6498


 128.4285,
112.2943, 107.6283

 19.3522, 14.2373,
11.9592


160.8756,
142.6163, 138.0589

 12.0306, 8.2859,
6.5937

198.3734,
177.9574, 173.7444

 6.8369, 4.2784,
3.1348

241.2874,
218.7019, 215.1033

 3.4057, 1.8305,
1.1639

289.9829,

 1.3718, 0.5061,

265.2344, 262.5542

0.0000

344.8252,
317.9391, 316.5156

■ 0.2360, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.7383, 47.5990,
43.6805

■ 57.7383, 47.5990,
43.6805

■ 51.9914, 39.1402,
32.4077

■ 64.6799, 57.8891,
57.0711

■ 47.3678, 32.3988,
23.1414

■ 72.8745, 70.1020,
72.6775

■ 43.7946, 27.2591,
15.7643

■ 82.3811, 84.3312,
90.5949

■ 41.1886, 23.5879,
10.1457

■ 91.8161, 98.3329,
108.7487

■ 39.4539, 21.2308,
6.1381

■ 38.4740, 19.9984,
3.5694

■ 38.1896, 19.6663,
2.7448

Harmonies

Analogous

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



57.6959, 47.5990, 61.3587



57.7383, 47.5990, 43.6805



54.2301, 47.5990, 31.3967

Triad

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



57.7383, 47.5990, 43.6805



37.3919, 47.5990, 31.1953



42.1710, 47.5990, 92.0620

Complementary

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



57.7383, 47.5990, 43.6805



62.7412, 79.5007, 92.1633

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.



37.3053, 47.5990, 79.6192



57.7383, 47.5990, 43.6805



34.7221, 47.5990, 43.3378

Square

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



57.7383, 47.5990, 43.6805



42.2994, 47.5990, 25.3836



34.6919, 47.5990, 60.9287



48.3168, 47.5990, 92.2135

Rectangle

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



57.7383, 47.5990, 43.6805



50.5192, 47.5990, 26.7525



34.6919, 47.5990, 60.9287



40.3447, 47.5990, 89.0714

Sweetspot

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



57.7396, 47.6013, 43.6814



83.9871, 83.4114, 88.1420



63.7878, 49.6250, 93.4056



17.6692, 17.3934, 18.2861



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.



57.7396, 47.6013, 43.6814



58.0811, 44.9152, 38.4558



63.4153, 60.2581, 41.5492



16.5696, 16.5107, 17.4799



20.4078, 10.5065, 1.5898



1.8166, 0.9326, 0.2604

Inverse Universe

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



57.7396, 47.6013, 43.6814



58.0811, 44.9152, 38.4558



54.9364, 61.7347, 96.2096



16.5696, 16.5107, 17.4799



20.4078, 10.5065, 1.5898



1.8166, 0.9326, 0.2604

Previews

White Background



This preview shows how the XYZ color 57.7383, 47.5990, 43.6805 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 57.7383, 47.5990, 43.6805 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 57.7383, 47.5990, 43.6805

Background



This preview shows how black text looks on a background with the XYZ color 57.7383, 47.5990, 43.6805.



This preview shows how white text looks on a background with the XYZ color 57.7383, 47.5990,

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

57.7383, 47.5990, 43.6805

Protanopia

46.1160, 47.9357, 51.0779

Deuteranopia

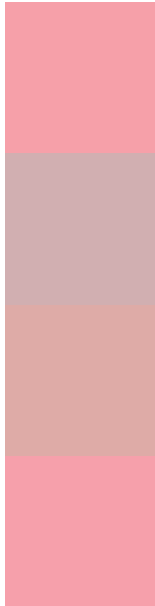
48.6175, 47.6074, 42.7031



Tritanopia

58.0232, 47.7130, 45.1811

Trichromacy



Original Color

57.7383, 47.5990, 43.6805

Protanomaly

49.5603, 47.3896, 48.1300

Deuteranomaly

51.6622, 47.4454, 42.9942

Tritanomaly

57.9275, 47.6747, 44.6771

Monochromacy



Original Color

57.7383, 47.5990, 43.6805

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.9728, 48.1495, 49.8399

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7383, 47.5990, 43.6805 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(246, 160, 169)` looks like.

```
.text, #text, p{  
    color:rgb(246, 160, 169)  
}
```

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(246, 160, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 160, 169) }
```

Border

The CSS property to change the border of an element to XYZ 57.7383, 47.5990, 43.6805 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(246, 160, 169) }
```


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

```
.border{ border-color:rgb(246, 160, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 160, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 160, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 160, 169);  
box-shadow:4px 4px 4px 4px rgb(246, 160,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7383, 47.5990, 43.6805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 160, 169) }
```

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

```
.background{ background-color: rgb(246,  
160, 169) }
```

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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