

Converting Colors

XYZ(57.2414, 48.2781, 44.9287)

Have a look what the booklet for
XYZ(57.2414, 48.2781, 44.9287)
contains.

XYZ(57.2441, 48.3684, 44.8470)	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(57.2441, 48.3684,
44.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A4AB
RGB	242, 164, 171
RGB Percent	95%, 64%, 67%
CMY	0.0510, 0.3568, 0.3294
CMYK	0.00, 0.32, 0.29, 0.05
HSL	355°, 75%, 80%
HSV	355°, 32%, 95%
XYZ	57.2441, 48.3684, 44.8470
YIQ	188.1200, 44.2410, 18.7130

Conversions

Conversions Part 2

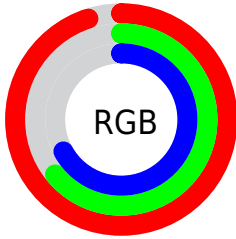
Format	Color
RYB	242, 164, 171
Decimal	15901867
CIELab	75.06, 29.76, 8.19
CIElCh	75, 30.868, 15.383
Yxy	48.3684, 0.3805, 0.3215
Android (android.graphics.Color)	4294091947 (0xFFFF2A4AB)
YUV	188.1200, -8.4402, 47.2528
Hunter-Lab	69.5474, 25.2145, 10.4506

Details

The XYZ color **57.2441, 48.3684, 44.8470** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0595, 77.3961, 90.2693**, and the grayscale version is **47.8981, 50.3925, 54.8775**.

A 20% lighter version of the original color is **80.5607, 77.9374, 82.7489**, and **28.7814, 22.8911, 20.3542** is the 20% darker color. If you saturate the color by 10%, you get **51.3904, 39.7458, 33.3850**, and if you desaturate by 10%, it is **64.2744, 58.7835, 58.4288**.

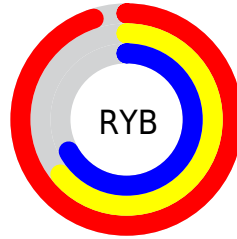
Distribution



Red (95%)

Green (64%)

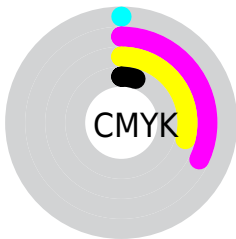
Blue (67%)



Red (95%)

Yellow (64%)

Blue (67%)

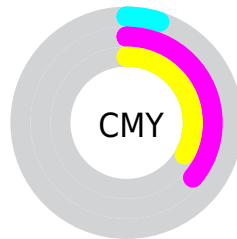


Cyan (0%)

Magenta (32%)

Yellow (29%)

Black (5%)



Cyan (5%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2441, 48.3684, 44.8470 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 57.2441, 48.3684, 44.8470 by changing the saturation by 10% instead.

 57.2441, 48.3684,
44.8470


 57.2441, 48.3684,
44.8470


404.3628,
380.2505, 382.2956

 41.4422, 34.1187,
30.9949


 99.9506, 87.7527,
83.8068

 28.8539, 22.9848,
20.3365


 127.5858,
113.6560, 109.7515

 19.1141, 14.5823,
12.4534


159.8962,
144.2128, 140.5642

 11.8572, 8.5268,
6.9270

197.2471,
179.8072, 176.6633

 6.7180, 4.4338,
3.3387

240.0038,
220.8239, 218.4675

 3.3312, 1.9191,
1.2701

288.5318,

 1.3312, 0.5598,

267.6470, 266.3953

0.0371

343.1963,
320.6611, 320.8651

■ 0.2064, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.2441, 48.3684,
44.8470

■ 57.2441, 48.3684,
44.8470

■ 51.3904, 39.7458,
33.3850

■ 64.2744, 58.7835,
58.4288

■ 46.6451, 32.8082,
23.9330

■ 72.5367, 71.0770,
74.2268

■ 42.9393, 27.4472,
16.3757

■ 82.0876, 85.3375,
92.3350

■ 40.1943, 23.5389,
10.5849

■ 90.4281, 97.6173,
108.6837

■ 38.3205, 20.9408,
6.4164

■ 37.2110, 19.4818,
3.7033

■ 36.7601, 18.9341,
2.4614

Harmonies

Analogous

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



57.2875, 48.3684, 60.9000



57.2441, 48.3684, 44.8470



54.0198, 48.3684, 33.5031

Triad

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



57.2441, 48.3684, 44.8470



38.6760, 48.3684, 33.7206



43.2893, 48.3684, 88.8056

Complementary

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



57.2441, 48.3684, 44.8470



62.0595, 77.3961, 90.2693

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.



38.7673, 48.3684, 78.0162



57.2441, 48.3684, 44.8470



36.2554, 48.3684, 45.2079

Square

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



57.2441, 48.3684, 44.8470



43.1551, 48.3684, 28.0325



36.2874, 48.3684, 61.3425



48.9104, 48.3684, 88.6536

Rectangle

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



57.2441, 48.3684, 44.8470



50.6407, 48.3684, 29.1711



36.2874, 48.3684, 61.3425



41.6008, 48.3684, 86.2549

Sweetspot

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



57.2454, 48.3707, 44.8480



83.9331, 83.3898, 87.8575



63.3013, 50.4904, 90.4140



17.6563, 17.3882, 18.2179



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.



57.2454, 48.3707, 44.8480



59.7964, 47.5835, 41.3775



62.8803, 60.6795, 43.5230



15.8304, 15.7819, 16.6629



19.7685, 10.1798, 1.4317



1.6640, 0.8547, 0.2217

Inverse Universe

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



57.2454, 48.3707, 44.8480



59.7964, 47.5835, 41.3775



54.5834, 60.7945, 92.8623



15.8304, 15.7819, 16.6629



19.7685, 10.1798, 1.4317



1.6640, 0.8547, 0.2217

Previews

White Background



This preview shows how the XYZ color 57.2441, 48.3684, 44.8470 looks on a white background.

Color Contrast Check

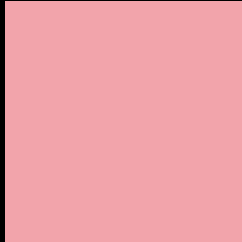
Large Text (above 18pt) WCAG AA × Fail

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 57.2441, 48.3684, 44.8470 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 57.2441, 48.3684, 44.8470

Background



This preview shows how black text looks on a background with the XYZ color 57.2441, 48.3684, 44.8470.



This preview shows how white text looks on a background with the XYZ color 57.2441, 48.3684,

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

57.2441, 48.3684, 44.8470

Protanopia

46.5703, 48.4772, 51.1585

Deuteranopia

49.4825, 48.6227, 43.8229



Tritanopia

57.5516, 48.2062, 47.3457

Trichromacy



Original Color

57.2441, 48.3684, 44.8470



Protanomaly

49.7704, 48.0685, 48.7744



Deuteranomaly

52.1163, 48.5088, 44.1524



Tritanomaly

57.3551, 48.1276, 46.3110

Monochromacy



Original Color

57.2441, 48.3684, 44.8470



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.5760, 49.0275, 51.0536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2441, 48.3684, 44.8470 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(242, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(242, 164, 171)  
}
```

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(242, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 164, 171) }
```

Border

The CSS property to change the border of an element to XYZ 57.2441, 48.3684, 44.8470 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(242, 164, 171) }
```


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

```
.border{ border-color:rgb(242, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(242, 164,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2441, 48.3684, 44.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 164, 171) }
```

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

```
.background{ background-color: rgb(242,  
164, 171) }
```

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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