

Converting Colors

XYZ(58.1780, 51.0114, 46.4676)

Have a look what the booklet for
XYZ(58.1780, 51.0114, 46.4676)
contains.

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Color

**XYZ(58.2305, 51.0474,
46.3192)**

Conversions

Conversions Part 1

Format	Color
Hex	F0ACAD
RGB	240, 172, 173
RGB Percent	94%, 67%, 68%
CMY	0.0588, 0.3255, 0.3216
CMYK	0.00, 0.28, 0.28, 0.06
HSL	359°, 69%, 81%
HSV	359°, 28%, 94%
XYZ	58.2305, 51.0474, 46.3192
YIQ	192.4460, 40.2070, 14.7270

Conversions

Conversions Part 2

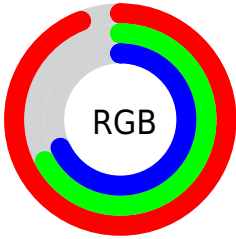
Format	Color
R _Y B	240, 172, 173
Decimal	15772845
CIE Lab	76.71, 25.06, 9.42
CIE LCh	77, 26.771, 20.611
Yxy	51.0474, 0.3742, 0.3281
Android (android.graphics.Color)	4293962925 (0xFFFF0ACAD)
YUV	192.4460, -9.5869, 41.7049
Hunter-Lab	71.4475, 20.4465, 11.5757

Details

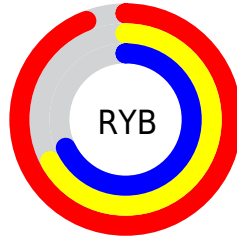
The XYZ color **58.2305, 51.0474, 46.3192** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.7555, 77.3240, 93.2300**, and the grayscale version is **50.4027, 53.0275, 57.7470**.

A 20% lighter version of the original color is **82.9870, 82.3482, 84.9197**, and **29.5765, 24.6414, 21.2866** is the 20% darker color. If you saturate the color by 10%, you get **51.9791, 41.8882, 33.9272**, and if you desaturate by 10%, it is **65.7145, 62.0231, 61.1214**.

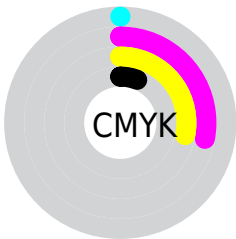
Distribution



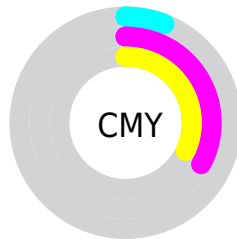
- Red (94%)
- Green (67%)
- Blue (68%)



- Red (94%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (28%)
- Yellow (28%)
- Black (6%)





- Cyan (6%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.2305, 51.0474, 46.3192 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 58.2305, 51.0474, 46.3192 by changing the saturation by 10% instead.


 58.2305, 51.0474,
46.3192

 58.2305, 51.0474,
46.3192

407.9843,
390.7479, 388.4053

 42.2380, 36.2463,
32.1473


 101.3795, 91.7248,
86.0358

 29.4796, 24.6245,
21.2083


129.2666,
118.3700, 112.4176

 19.5900, 15.7975,
13.0836


161.8494,
149.7320, 143.7065

 12.2039, 9.3810,
7.3547

199.4931,
186.1952, 180.3209

 6.9559, 4.9905,
3.6031

242.5630,
228.1439, 222.6794

 3.4806, 2.2417,
1.4103

291.4247,

 1.4127, 0.7426,

275.9627, 271.2007

0.1497

346.4433,
330.0359, 326.3031

■ 0.2653, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.2305, 51.0474,
46.3192

■ 58.2305, 51.0474,
46.3192

■ 51.9791, 41.8882,
33.9272

■ 65.7145, 62.0231,
61.1214

■ 46.8905, 34.4408,
23.8149

■ 74.4879, 74.8980,
78.4486

■ 42.8940, 28.6012,
15.8445

■ 84.6089, 89.7588,
98.4119

■ 39.9099, 24.2509,
9.8618

■ 89.7453, 97.2653,
108.6517

■ 37.8473, 21.2553,
5.6920

■ 36.5994, 19.4556,
3.1302

■ 36.0196, 18.6286,
1.9115

■ 35.9545, 18.5330,
1.7831

Harmonies

Analogous

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



58.7896, 51.0474, 60.2635



58.2305, 51.0474, 46.3192



54.9739, 51.0474, 36.6715

Triad

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



58.2305, 51.0474, 46.3192



41.3661, 51.0474, 39.6767



46.9455, 51.0474, 87.9386

Complementary

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



58.2305, 51.0474, 46.3192



63.7555, 77.3240, 93.2300

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.



42.5903, 51.0474, 80.0799



58.2305, 51.0474, 46.3192



39.5202, 51.0474, 51.1494

Square

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



58.2305, 51.0474, 46.3192



45.1667, 51.0474, 33.3259



39.9522, 51.0474, 66.0039



52.0333, 51.0474, 86.0334

Rectangle

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



58.2305, 51.0474, 46.3192



51.8288, 51.0474, 33.1813



39.9522, 51.0474, 66.0039



45.3532, 51.0474, 86.3063

Sweetspot

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



58.2319, 51.0498, 46.3202



85.8147, 86.4402, 90.6822



66.0336, 54.1262, 89.4053



18.0202, 17.9914, 18.7235



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.



58.2319, 51.0498, 46.3202



62.5131, 52.2622, 44.6096



65.1824, 65.1045, 48.1637



15.7822, 15.7626, 16.4093



19.6862, 10.1469, 0.9981



1.6410, 0.8454, 0.1003

Inverse Universe

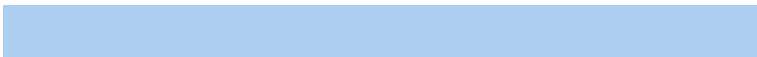
The Inverse Universe completely reimagines the original color for something new.



58.2319, 51.0498, 46.3202



62.5131, 52.2622, 44.6096



55.0887, 59.7544, 91.0686



15.7822, 15.7626, 16.4093



19.6862, 10.1469, 0.9981



1.6410, 0.8454, 0.1003

Previews

White Background



This preview shows how the XYZ color 58.2305, 51.0474, 46.3192 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 58.2305, 51.0474, 46.3192 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 58.2305, 51.0474, 46.3192

Background



This preview shows how black text looks on a background with the XYZ color 58.2305, 51.0474, 46.3192.



This preview shows how white text looks on a background with the XYZ color 58.2305, 51.0474,

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

58.2305, 51.0474, 46.3192

Protanopia

49.1468, 51.3747, 51.5820

Deuteranopia

52.3085, 51.2543, 45.6642



Tritanopia

59.1976, 50.8691, 51.4984

Trichromacy



Original Color

58.2305, 51.0474, 46.3192

Protanomaly

51.9341, 50.9705, 49.7489

Deuteranomaly

54.3070, 51.0661, 46.0242

Tritanomaly

58.9752, 51.0813, 49.3992

Monochromacy



Original Color

58.2305, 51.0474, 46.3192

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.4004, 51.7560, 53.1271

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2305, 51.0474, 46.3192 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(240, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(240, 172, 173)  
}
```

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(240, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 172, 173) }
```

Border

The CSS property to change the border of an element to XYZ 58.2305, 51.0474, 46.3192 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(240, 172, 173) }
```


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

```
.border{ border-color:rgb(240, 172, 173) }
```

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

Here you see how a box with a 4 pixel rgb(240, 172, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(240, 172,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2305, 51.0474, 46.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 172, 173) }
```

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

```
.background{ background-color: rgb(240,  
172, 173) }
```

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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