

Converting Colors

$Y_{xy}(58.5221, 0.4143, 0.4133)$

Have a look what the booklet for
Yxy(58.5221, 0.4143, 0.4133)
contains.

Yxy(58.5221, 0.4143, 0.4133)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.5221, 0.4143, 0.4133)

Conversions

Conversions Part 1

Format	Color
Hex	F1C273
RGB	241, 194, 115
RGB Percent	95%, 76%, 45%
CMY	0.0548, 0.2392, 0.5492
CMYK	0.00, 0.20, 0.52, 0.05
HSL	38°, 82%, 70%
HSV	38°, 52%, 95%
XYZ	58.6637, 58.5221, 24.4113
YIQ	199.0470, 53.3710, -14.6050

Conversions

Conversions Part 2

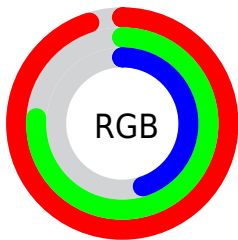
Format	Color
R _Y B	190, 241, 115
Decimal	15843955
CIE Lab	81.03, 7.48, 45.79
CIE LCh	81, 46.398, 80.717
Yxy	58.5221, 0.4143, 0.4133
Android (android.graphics.Color)	4294034035 (0xFFFF1C273)
YUV	199.0470, -41.4352, 36.7928
Hunter-Lab	76.4997, 3.0079, 34.6302

Details

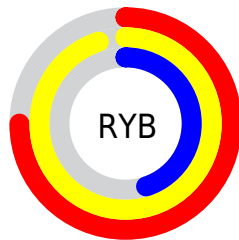
The Yxy color **58.5221, 0.4143, 0.4133** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.8251, 0.2242, 0.2240**, and the grayscale version is **57.3776, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4584, 0.3658, 0.4100**, and **29.3650, 0.4370, 0.4315** is the 20% darker color. If you saturate the color by 10%, you get **54.1599, 0.4369, 0.4262**, and if you desaturate by 10%, it is **63.2769, 0.3919, 0.3981**.

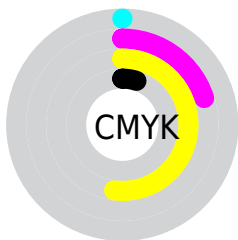
Distribution



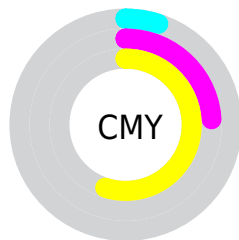
- Red (95%)
- Green (76%)
- Blue (45%)



- Red (75%)
- Yellow (95%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (52%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5221, 0.4143, 0.4133 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 Yxy color 58.5221, 0.4143, 0.4133 by changing the saturation by 10% instead.


 58.5221, 0.4143,
0.4133

 58.5221, 0.4143,
0.4133


419.1286, 0.3667,
0.3752

 42.2285, 0.4249,
0.4213


 102.6828, 0.3979,
0.4006

 29.2803, 0.4376,
0.4306


 131.3187, 0.3915,
0.3955

 19.2929, 0.4529,
0.4413


 164.8374, 0.3859,
0.3910

 11.8821, 0.4714,
0.4533

203.6235, 0.3811,
0.3871

 6.6635, 0.4951,
0.4672

248.0613, 0.3768,
0.3836

 3.2525, 0.5217,
0.4783

298.5351, 0.3731,

 1.2650, 0.5339,

0.3805

0.4661

355.4294, 0.3697,
0.3777

0.1138, 0.7188,
0.2812

0.0000, 0.0000,
0.0000

58.5221, 0.4143,
0.4133

58.5221, 0.4143,
0.4133

54.1599, 0.4369,
0.4262

63.2769, 0.3919,
0.3981

50.1662, 0.4587,
0.4356

68.4304, 0.3706,
0.3816


46.5260, 0.4784,
0.4405

73.9988, 0.3507,
0.3648

43.2189, 0.4951,
0.4400

79.9947, 0.3325,
0.3483

 40.8775, 0.5059,
0.4365

 86.4299, 0.3162,
0.3325

 93.0178, 0.3043,
0.3221

 97.4433, 0.3042,
0.3290

Harmonies

Analogous

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



58.5221, 0.4327, 0.3714



58.5221, 0.4143, 0.4133



58.5221, 0.3689, 0.4376

Triad

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



58.5221, 0.4143, 0.4133



58.5221, 0.2189, 0.3199



58.5221, 0.3053, 0.2509

Complementary

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



58.5221, 0.4143, 0.4133



35.8251, 0.2242, 0.2240

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.



58.5221, 0.2515, 0.2357



58.5221, 0.4143, 0.4133



58.5221, 0.2056, 0.2692

Square

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



58.5221, 0.4143, 0.4133



58.5221, 0.2562, 0.3816



58.5221, 0.2169, 0.2409



58.5221, 0.3667, 0.2825

Rectangle

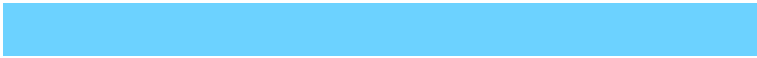
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.5221, 0.4143, 0.4133



58.5221, 0.3306, 0.4357



58.5221, 0.2169, 0.2409



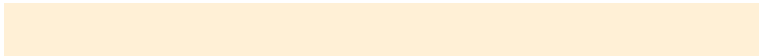
58.5221, 0.2857, 0.2438

Sweetspot

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



58.5249, 0.4143, 0.4133



88.3181, 0.3391, 0.3545



33.6104, 0.4042, 0.2770



18.6020, 0.3429, 0.3579



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.5249, 0.4143, 0.4133



61.1429, 0.4389, 0.4272



80.3744, 0.3780, 0.4603



17.4105, 0.3277, 0.3438



22.4313, 0.5041, 0.4380



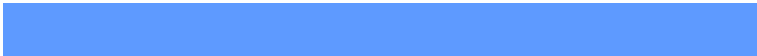
2.0562, 0.4899, 0.4492

Inverse Universe

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



35.8251, 0.2242, 0.2240



32.8169, 0.2063, 0.1974



23.3240, 0.2217, 0.1659



16.1945, 0.2980, 0.3138



7.6357, 0.1663, 0.1186



0.8200, 0.1736, 0.1448

Previews

White Background



This preview shows how the Yxy color 58.5221, 0.4143, 0.4133 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 Yxy color 58.5221, 0.4143, 0.4133 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](#).

Yxy 58.5221, 0.4143, 0.4133

Background



This preview shows how black text looks on a background with the Yxy color 58.5221, 0.4143, 0.4133.



This preview shows how white text looks on a background with the Yxy color 58.5221, 0.4143, 0.4133.

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

58.5221, 0.4143, 0.4133

Protanopia

58.9212, 0.3906, 0.4245

Deuteranopia

58.3496, 0.4189, 0.4101



Tritanopia

58.3147, 0.3559, 0.3143

Trichromacy



Original Color

58.5221, 0.4143, 0.4133

Protanomaly

58.6252, 0.3989, 0.4203

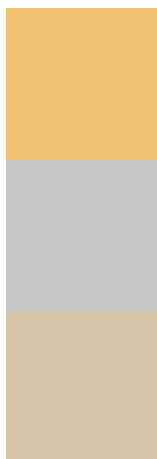
Deuteranomaly

58.6108, 0.4174, 0.4114

Tritanomaly

58.2061, 0.3780, 0.3509

Monochromacy



Original Color

58.5221, 0.4143, 0.4133

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0558, 0.3488, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5221, 0.4143, 0.4133 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(241, 194, 115)` looks like.

```
.text, #text, p{  
    color:rgb(241, 194, 115)  
}
```

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(241, 194, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 194, 115) }
```

Border

The CSS property to change the border of an element to Yxy 58.5221, 0.4143, 0.4133 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(241, 194, 115) }
```

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

```
.border{ border-color:rgb(241, 194, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 194, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 194, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 194, 115);  
box-shadow:4px 4px 4px 4px rgb(241, 194,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5221, 0.4143, 0.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 194, 115) }
```

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

```
.background{ background-color: rgb(241,  
194, 115) }
```

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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