

Converting Colors

$Yxy(53.1863, 0.4290, 0.4251)$

Have a look what the booklet for
Yxy(53.1863, 0.4290, 0.4251)
contains.

Yxy(53.1863, 0.4290, 0.4251)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.1863, 0.4290, 0.4251)

Conversions

Conversions Part 1

Format	Color
Hex	EBB95F
RGB	235, 185, 95
RGB Percent	92%, 73%, 37%
CMY	0.0784, 0.2745, 0.6276
CMYK	0.00, 0.21, 0.60, 0.08
HSL	39°, 78%, 65%
HSV	39°, 60%, 92%
XYZ	53.6742, 53.1863, 18.2542
YIQ	189.6900, 58.6900, -17.3900

Conversions

Conversions Part 2

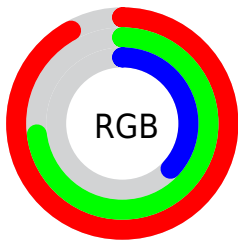
Format	Color
RYB	173, 235, 95
Decimal	15448415
CIELab	77.98, 8.17, 51.76
CIElCh	78, 52.404, 81.026
Yxy	53.1863, 0.4290, 0.4251
Android (android.graphics.Color)	4293638495 (0xFFEBB95F)
YUV	189.6900, -46.6822, 39.7369
Hunter-Lab	72.9289, 3.7468, 36.2099

Details

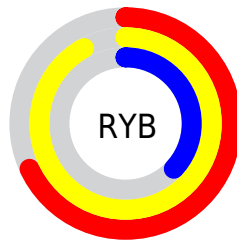
The Yxy color **53.1863, 0.4290, 0.4251** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **28.6666, 0.2115, 0.2032**, and the grayscale version is **51.5527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3087, 0.3808, 0.4212**, and **25.9071, 0.4555, 0.4437** is the 20% darker color. If you saturate the color by 10%, you get **49.4168, 0.4504, 0.4359**, and if you desaturate by 10%, it is **57.2970, 0.4070, 0.4111**.

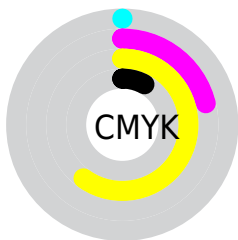
Distribution



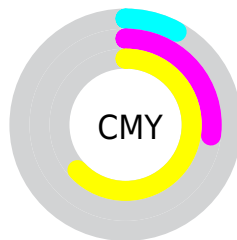
- Red (92%)
- Green (73%)
- Blue (37%)



- Red (68%)
- Yellow (92%)
- Blue (37%)



- Cyan (0%)
- Magenta (21%)
- Yellow (60%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1863, 0.4290, 0.4251 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 53.1863, 0.4290, 0.4251 by changing the saturation by 10% instead.


 53.1863, 0.4290,
0.4251


 53.1863, 0.4290,
0.4251

398.9995, 0.3744,
0.3819


 37.9515, 0.4409,
0.4338


 94.8785, 0.4103,
0.4109

 25.9451, 0.4550,
0.4437


 122.1046, 0.4029,
0.4051

 16.7825, 0.4715,
0.4545


 154.0967, 0.3966,
0.4000

 10.0796, 0.4905,
0.4652

 191.2390, 0.3910,
0.3955

 5.4517, 0.5190,
0.4810

233.9161, 0.3861,
0.3915

 2.5147, 0.5280,
0.4720

282.5123, 0.3817,

 0.8840, 0.5443,

0.3880

0.4557

337.4119, 0.3778,
0.3848

0.0000, 0.0000,
0.0000

53.1863, 0.4290,
0.4251

53.1863, 0.4290,
0.4251

49.4168, 0.4504,
0.4359

57.2970, 0.4070,
0.4111

45.9651, 0.4701,
0.4424

61.7551, 0.3853,
0.3951

42.8160, 0.4869,
0.4438

66.5759, 0.3646,
0.3782

39.9426, 0.5007,
0.4404

71.7713, 0.3454,
0.3610


39.8295, 0.5012,
0.4402

77.3526, 0.3279,
0.3443

 83.3302, 0.3121,
0.3284

 89.4235, 0.3006,
0.3178

 94.5804, 0.3005,
0.3261

 96.4022, 0.3005,
0.3290

Harmonies

Analogous

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



53.1863, 0.4521, 0.3761



53.1863, 0.4290, 0.4251



53.1863, 0.3755, 0.4556

Triad

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



53.1863, 0.4290, 0.4251



53.1863, 0.2045, 0.3165



53.1863, 0.3042, 0.2401

Complementary

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



53.1863, 0.4290, 0.4251



28.6666, 0.2115, 0.2032

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.



53.1863, 0.2425, 0.2226



53.1863, 0.4290, 0.4251



53.1863, 0.1904, 0.2584

Square

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



53.1863, 0.4290, 0.4251



53.1863, 0.2461, 0.3902



53.1863, 0.2034, 0.2275



53.1863, 0.3761, 0.2758

Rectangle

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



53.1863, 0.4290, 0.4251



53.1863, 0.3312, 0.4548



53.1863, 0.2034, 0.2275



53.1863, 0.2816, 0.2320

Sweetspot

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



53.1889, 0.4290, 0.4251



87.3755, 0.3426, 0.3585



27.9251, 0.4275, 0.2740



18.2962, 0.3480, 0.3634



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.



53.1889, 0.4290, 0.4251



58.3115, 0.4560, 0.4382



74.8914, 0.3829, 0.4765



16.6698, 0.3277, 0.3441



22.4166, 0.4996, 0.4416



1.9408, 0.4855, 0.4527

Inverse Universe

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



28.6666, 0.2115, 0.2032



26.4504, 0.1920, 0.1715



17.7290, 0.2089, 0.1426



15.4289, 0.2980, 0.3134



7.0770, 0.1651, 0.1144



0.7319, 0.1728, 0.1421

Previews

White Background



This preview shows how the Yxy color 53.1863, 0.4290, 0.4251 looks on a white background.

Color Contrast Check

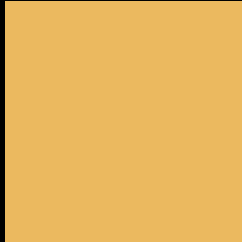
Large Text (above 18pt) WCAG AA × Fail

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 53.1863, 0.4290, 0.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

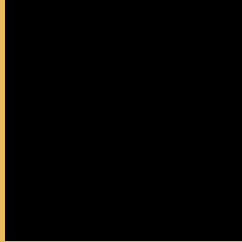
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1863, 0.4290, 0.4251

Background



This preview shows how black text looks on a background with the Yxy color 53.1863, 0.4290, 0.4251.



This preview shows how white text looks on a background with the Yxy color 53.1863, 0.4290, 0.4251.

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

53.1863, 0.4290, 0.4251

Protanopia

53.1679, 0.4022, 0.4389

Deuteranopia

53.2843, 0.4323, 0.4229



Tritanopia

53.3455, 0.3624, 0.3150

Trichromacy



Original Color

53.1863, 0.4290, 0.4251

Protanomaly

53.0621, 0.4119, 0.4337

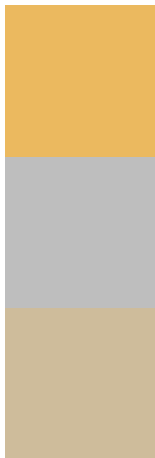
Deuteranomaly

53.1117, 0.4314, 0.4233

Tritanomaly

53.0986, 0.3891, 0.3569

Monochromacy



Original Color

53.1863, 0.4290, 0.4251

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4548, 0.3547, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1863, 0.4290, 0.4251 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(235, 185, 95)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 95)  
}
```

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(235, 185, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 95) }
```

Border

The CSS property to change the border of an element to Yxy 53.1863, 0.4290, 0.4251 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(235, 185, 95) }
```

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

```
.border{ border-color:rgb(235, 185, 95) }
```

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

Here you see how a box with a 4 pixel rgb(235, 185, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 95);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1863, 0.4290, 0.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 185, 95) }
```

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

```
.background{ background-color: rgb(235,  
185, 95) }
```

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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