

Converting Colors

$Yxy(53.0584, 0.4280, 0.4240)$

Have a look what the booklet for
Yxy(53.0584, 0.4280, 0.4240)
contains.

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Color

Yxy(53.2046, 0.4283, 0.4242)

Conversions

Conversions Part 1

Format	Color
Hex	EBB960
RGB	235, 185, 96
RGB Percent	92%, 73%, 38%
CMY	0.0785, 0.2745, 0.6236
CMYK	0.00, 0.21, 0.59, 0.08
HSL	38°, 78%, 65%
HSV	38°, 59%, 92%
XYZ	53.7188, 53.2046, 18.4999
YIQ	189.8040, 58.3690, -17.0790

Conversions

Conversions Part 2

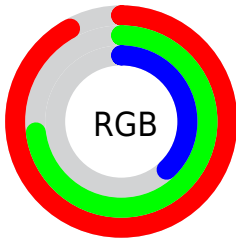
Format	Color
RYB	174, 235, 96
Decimal	15448416
CIELab	78.00, 8.24, 51.29
CIELCh	78, 51.947, 80.871
Yxy	53.2046, 0.4283, 0.4242
Android (android.graphics.Color)	4293638496 (0xFFEBB960)
YUV	189.8040, -46.2454, 39.6369
Hunter-Lab	72.9415, 3.8114, 36.0215

Details

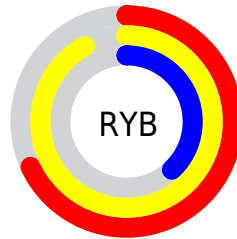
The Yxy color **53.2046, 0.4283, 0.4242** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **29.0310, 0.2123, 0.2048**, and the grayscale version is **51.6201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3405, 0.3803, 0.4203**, and **25.9221, 0.4542, 0.4421** is the 20% darker color. If you saturate the color by 10%, you get **49.4060, 0.4499, 0.4351**, and if you desaturate by 10%, it is **57.3478, 0.4062, 0.4102**.

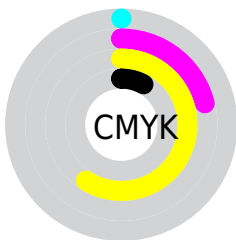
Distribution



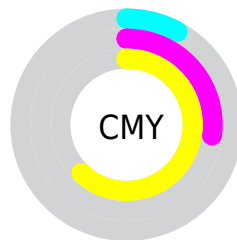
- Red (92%)
- Green (73%)
- Blue (38%)



- Red (68%)
- Yellow (92%)
- Blue (38%)



- Cyan (0%)
- Magenta (21%)
- Yellow (59%)
- Black (8%)




- Cyan (8%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2046, 0.4283, 0.4242 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 53.2046, 0.4283, 0.4242 by changing the saturation by 10% instead.

 53.2046, 0.4283,
0.4242


 53.2046, 0.4283,
0.4242


399.0696, 0.3739,
0.3814


 37.9661, 0.4402,
0.4329


 94.9054, 0.4097,
0.4101


 25.9564, 0.4542,
0.4427


 122.1365, 0.4024,
0.4043

 16.7910, 0.4708,
0.4535


 154.1339, 0.3960,
0.3993

 10.0856, 0.4899,
0.4643

 191.2820, 0.3904,
0.3948

 5.4558, 0.5192,
0.4808

233.9652, 0.3856,
0.3909

 2.5171, 0.5283,
0.4717

282.5680, 0.3812,

 0.8852, 0.5447,

0.3874

0.4553

337.4746, 0.3774,
0.3842

0.0000, 0.0000,
0.0000

53.2046, 0.4283,
0.4242

53.2046, 0.4283,
0.4242

49.4060, 0.4499,
0.4351

57.3478, 0.4062,
0.4102

45.9287, 0.4698,
0.4418

61.8418, 0.3844,
0.3942

42.7576, 0.4869,
0.4434

66.7021, 0.3638,
0.3772

39.8667, 0.5008,
0.4400

71.9406, 0.3446,
0.3602

39.6328, 0.5019,
0.4397

77.5685, 0.3272,
0.3435

■ 83.5963, 0.3115,
0.3277

■ 89.6764, 0.3006,
0.3182

■ 94.8829, 0.3005,
0.3266

■ 96.4009, 0.3005,
0.3290

Harmonies

Analogous

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



53.2046, 0.4509, 0.3756



53.2046, 0.4283, 0.4242



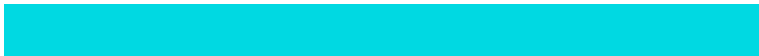
53.2046, 0.3754, 0.4545

Triad

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



53.2046, 0.4283, 0.4242



53.2046, 0.2055, 0.3170



53.2046, 0.3040, 0.2406

Complementary

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



53.2046, 0.4283, 0.4242



29.0310, 0.2123, 0.2048

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.



53.2046, 0.2428, 0.2234



53.2046, 0.4283, 0.4242



53.2046, 0.1913, 0.2592

Square

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



53.2046, 0.4283, 0.4242



53.2046, 0.2470, 0.3900



53.2046, 0.2041, 0.2284



53.2046, 0.3752, 0.2760

Rectangle

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



53.2046, 0.4283, 0.4242



53.2046, 0.3315, 0.4537



53.2046, 0.2041, 0.2284



53.2046, 0.2816, 0.2326

Sweetspot

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



53.2072, 0.4283, 0.4242



87.3067, 0.3427, 0.3584



28.1288, 0.4262, 0.2743



18.2793, 0.3480, 0.3633



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.



53.2072, 0.4283, 0.4242



58.5377, 0.4543, 0.4370



74.9255, 0.3826, 0.4756



16.6630, 0.3277, 0.3441



22.3093, 0.5003, 0.4410



1.9329, 0.4861, 0.4522

Inverse Universe

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



29.0310, 0.2123, 0.2048



27.1533, 0.1936, 0.1746



17.9727, 0.2097, 0.1440



15.4354, 0.2980, 0.3135



7.1302, 0.1653, 0.1151



0.7365, 0.1730, 0.1428

Previews

White Background



This preview shows how the Yxy color 53.2046, 0.4283, 0.4242 looks on a white background.

Color Contrast Check

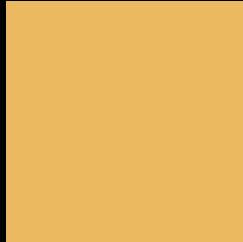
Large Text (above 18pt) WCAG AA × Fail

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 53.2046, 0.4283, 0.4242 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 53.2046, 0.4283, 0.4242

Background



This preview shows how black text looks on a background with the Yxy color 53.2046, 0.4283, 0.4242.



This preview shows how white text looks on a background with the Yxy color 53.2046, 0.4283, 0.4242.

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

53.2046, 0.4283, 0.4242

Protanopia

53.1869, 0.4015, 0.4379

Deuteranopia

53.3027, 0.4316, 0.4220



Tritanopia

53.3455, 0.3624, 0.3150

Trichromacy



Original Color

53.2046, 0.4283, 0.4242

Protanomaly

53.0809, 0.4112, 0.4327

Deuteranomaly

53.1300, 0.4308, 0.4224

Tritanomaly

53.1320, 0.3883, 0.3558

Monochromacy



Original Color

53.2046, 0.4283, 0.4242

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4886, 0.3539, 0.3685

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2046, 0.4283, 0.4242 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, 96)` looks like.

```
.text, #text, p{  
    color:rgb(235, 185, 96)  
}
```

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, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 185, 96) }
```

Border

The CSS property to change the border of an element to Yxy 53.2046, 0.4283, 0.4242 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, 96) }
```

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

```
.border{ border-color:rgb(235, 185, 96) }
```

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, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 185, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 185, 96);  
box-shadow:4px 4px 4px 4px rgb(235, 185,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2046, 0.4283, 0.4242 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, 96) }
```

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

```
.background{ background-color: rgb(235,  
185, 96) }
```

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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