

Converting Colors

Yxy(51.0248, 0.4271, 0.4094)

Have a look what the booklet for
Yxy(51.0248, 0.4271, 0.4094)
contains.

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Color

Yxy(51.0930, 0.4269, 0.4095)

Conversions

Conversions Part 1

Format	Color
Hex	ECB369
RGB	236, 179, 105
RGB Percent	93%, 70%, 41%
CMY	0.0745, 0.2980, 0.5883
CMYK	0.00, 0.24, 0.56, 0.07
HSL	34°, 78%, 67%
HSV	34°, 56%, 93%
XYZ	53.2640, 51.0930, 20.4122
YIQ	187.6070, 57.7260, -10.9300

Conversions

Conversions Part 2

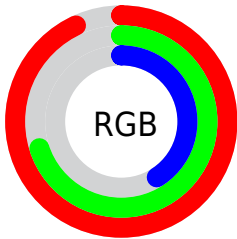
Format	Color
R _Y B	206, 236, 105
Decimal	15512425
CIE Lab	76.74, 12.50, 45.42
CIE LCh	77, 47.113, 74.608
Yxy	51.0930, 0.4269, 0.4095
Android (android.graphics.Color)	4293702505 (0xFFECB369)
YUV	187.6070, -40.7253, 42.4407
Hunter-Lab	71.4794, 7.9232, 33.1042

Details

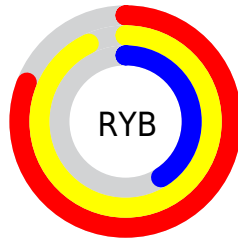
The Yxy color **51.0930, 0.4269, 0.4095** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **34.8944, 0.2213, 0.2279**, and the grayscale version is **50.2662, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.1453, 0.3769, 0.4064**, and **24.5447, 0.4548, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **46.7118, 0.4519, 0.4202**, and if you desaturate by 10%, it is **55.9204, 0.4024, 0.3962**.

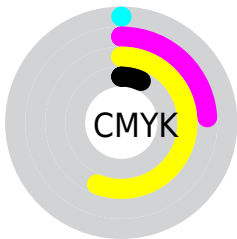
Distribution



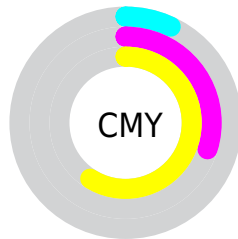
- Red (93%)
- Green (70%)
- Blue (41%)



- Red (81%)
- Yellow (93%)
- Blue (41%)



- Cyan (0%)
- Magenta (24%)
- Yellow (56%)
- Black (7%)





- Cyan (7%)
- Magenta (30%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0930, 0.4269, 0.4095 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 51.0930, 0.4269, 0.4095 by changing the saturation by 10% instead.


 51.0930, 0.4269,
0.4095


 51.0930, 0.4269,
0.4095


390.9250, 0.3720,
0.3733

 36.2826, 0.4394,
0.4169


 91.7922, 0.4077,
0.3975

 24.6526, 0.4546,
0.4253

 118.4499, 0.4003,
0.3926

 15.8184, 0.4731,
0.4346


 149.8254, 0.3939,
0.3884

 9.3957, 0.4955,
0.4439

 186.3032, 0.3883,
0.3846

 5.0002, 0.5342,
0.4615

228.2677, 0.3835,
0.3813

 2.2474, 0.5508,
0.4492

276.1032, 0.3792,

 0.7456, 0.5791,

0.3783

0.4209

330.1942, 0.3754,
0.3757

■ 0.0000, 0.0000,
0.0000

■ 51.0930, 0.4269,
0.4095

■ 51.0930, 0.4269,
0.4095

■ 46.7118, 0.4519,
0.4202

■ 55.9204, 0.4024,
0.3962

■ 42.7511, 0.4760,
0.4270

■ 61.2030, 0.3792,
0.3815

■ 39.1933, 0.4979,
0.4288

■ 66.9587, 0.3578,
0.3663

■ 36.0149, 0.5163,
0.4252

■ 73.2019, 0.3385,
0.3512

■ 34.7006, 0.5237,
0.4224

■ 79.9465, 0.3213,
0.3367

■ 87.2054, 0.3061,
0.3230

■ 93.9740, 0.3012,
0.3249

■ 96.5749, 0.3011,
0.3290

Harmonies

Analogous

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



51.0930, 0.4396, 0.3632



51.0930, 0.4269, 0.4095



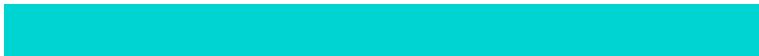
51.0930, 0.3831, 0.4413

Triad

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



51.0930, 0.4269, 0.4095



51.0930, 0.2195, 0.3321



51.0930, 0.2918, 0.2419

Complementary

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



51.0930, 0.4269, 0.4095



34.8944, 0.2213, 0.2279

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.



51.0930, 0.2386, 0.2299



51.0930, 0.4269, 0.4095



51.0930, 0.2005, 0.2743

Square

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



51.0930, 0.4269, 0.4095



51.0930, 0.2632, 0.3977



51.0930, 0.2072, 0.2398



51.0930, 0.3570, 0.2719

Rectangle

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



51.0930, 0.4269, 0.4095



51.0930, 0.3439, 0.4454



51.0930, 0.2072, 0.2398



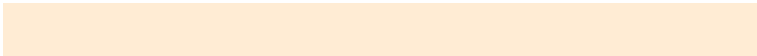
51.0930, 0.2721, 0.2357

Sweetspot

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



51.0955, 0.4269, 0.4095



86.0672, 0.3414, 0.3535



30.6115, 0.4012, 0.2650



18.0944, 0.3452, 0.3565



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.



51.0955, 0.4269, 0.4095



54.8155, 0.4562, 0.4217



77.7511, 0.3876, 0.4636



16.4662, 0.3279, 0.3423



19.3878, 0.5216, 0.4241



1.7132, 0.5036, 0.4384

Inverse Universe

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



34.8944, 0.2213, 0.2279



33.7301, 0.2037, 0.2019



19.5690, 0.2093, 0.1527



15.6270, 0.2980, 0.3153



8.8970, 0.1714, 0.1371



0.8868, 0.1789, 0.1639

Previews

White Background



This preview shows how the Yxy color 51.0930, 0.4269, 0.4095 looks on a white background.

Color Contrast Check

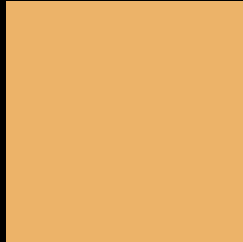
Large Text (above 18pt) WCAG AA × Fail

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 51.0930, 0.4269, 0.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

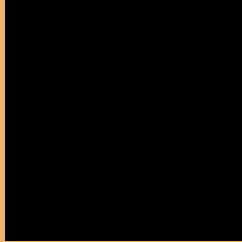
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0930, 0.4269, 0.4095

Background



This preview shows how black text looks on a background with the Yxy color 51.0930, 0.4269, 0.4095.



This preview shows how white text looks on a background with the Yxy color 51.0930, 0.4269, 0.4095.

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

51.0930, 0.4269, 0.4095

Protanopia

51.3409, 0.3919, 0.4264

Deuteranopia

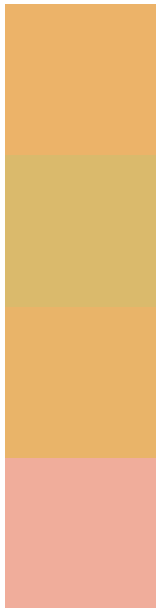
51.2235, 0.4220, 0.4129



Tritanopia

51.0456, 0.3673, 0.3149

Trichromacy



Original Color

51.0930, 0.4269, 0.4095

Protanomaly

51.1059, 0.4040, 0.4198

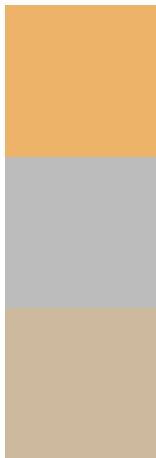
Deuteranomaly

50.9861, 0.4235, 0.4115

Tritanomaly

50.7790, 0.3906, 0.3493

Monochromacy



Original Color

51.0930, 0.4269, 0.4095

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1457, 0.3521, 0.3626

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0930, 0.4269, 0.4095 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(236, 179, 105)` looks like.

```
.text, #text, p{  
    color:rgb(236, 179, 105)  
}
```

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(236, 179, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 179, 105) }
```

Border

The CSS property to change the border of an element to Yxy 51.0930, 0.4269, 0.4095 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(236, 179, 105) }
```

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

```
.border{ border-color:rgb(236, 179, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 179, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 179, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 179, 105);  
box-shadow:4px 4px 4px 4px rgb(236, 179,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0930, 0.4269, 0.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 179, 105) }
```

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

```
.background{ background-color: rgb(236,  
179, 105) }
```

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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