

Converting Colors

$Yxy(53.4293, 0.4101, 0.4377)$

Have a look what the booklet for
Yxy(53.4293, 0.4101, 0.4377)
contains.

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Color

Yxy(53.5856, 0.4101, 0.4384)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DBC05F |
| RGB | 219, 192, 95 |
| RGB Percent | 86%, 75%, 37% |
| CMY | 0.1412, 0.2470, 0.6276 |
| CMYK | 0.00, 0.12, 0.57, 0.14 |
| HSL | 47°, 63%, 62% |
| HSV | 47°, 57%, 86% |
| XYZ | 50.1265, 53.5856, 18.5178 |
| YIQ | 189.0150, 47.2290, -24.4430 |

Conversions

Conversions Part 2

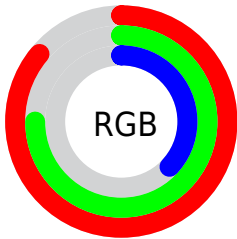
| Format | Color |
|--|---|
| RYB | 130, 219, 95 |
| Decimal | 14401631 |
| CIELab | 78.22, -2.15, 51.64 |
| CIELCh | 78, 51.684, 92.385 |
| Yxy | 53.5856, 0.4101, 0.4384 |
| Android (android.graphics.Color) | 4292591711 (0xFFDBC05F) |
| YUV | 189.0150, -46.3494, 26.2968 |
| Hunter-Lab | 73.2022, -5.8728, 36.2430 |

Details

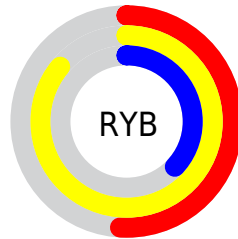
The Yxy color **53.5856, 0.4101, 0.4384** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **21.4519, 0.2112, 0.1853**, and the grayscale version is **51.1471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5329, 0.3782, 0.4271**, and **26.2167, 0.4302, 0.4628** is the 20% darker color. If you saturate the color by 10%, you get **51.1855, 0.4266, 0.4527**, and if you desaturate by 10%, it is **56.1704, 0.3924, 0.4212**.

Distribution



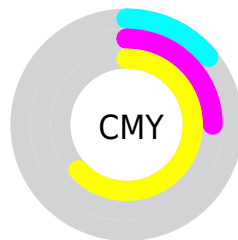
- Red (86%)
- Green (75%)
- Blue (37%)



- Red (51%)
- Yellow (86%)
- Blue (37%)



- Cyan (0%)
- Magenta (12%)
- Yellow (57%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5856, 0.4101, 0.4384 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 53.5856, 0.4101, 0.4384 by changing the saturation by 10% instead.


 53.5856, 0.4101,
0.4384


 53.5856, 0.4101,
0.4384

400.5278, 0.3651,
0.3873


 38.2705, 0.4196,
0.4494


 95.4655, 0.3949,
0.4210


 26.1927, 0.4307,
0.4624


 122.7991, 0.3889,
0.4141

 16.9678, 0.4434,
0.4776


 154.9076, 0.3836,
0.4081

 10.2116, 0.4572,
0.4945

 192.1754, 0.3789,
0.4029

 5.5395, 0.4788,
0.5212

234.9869, 0.3749,
0.3983

 2.5671, 0.4763,
0.5237

283.7266, 0.3712,

 0.9102, 0.4716,

0.3942

0.5284

338.7787, 0.3680,
0.3905

■ 0.0000, 0.0000,
0.0000

■ 53.5856, 0.4101,
0.4384

■ 53.5856, 0.4101,
0.4384

■ 51.1855, 0.4266,
0.4527

■ 56.1704, 0.3924,
0.4212

■ 48.9523, 0.4411,
0.4630

■ 58.9415, 0.3742,
0.4020

■ 46.8765, 0.4529,
0.4687

■ 61.9098, 0.3562,
0.3818

■ 44.9431, 0.4618,
0.4697

■ 65.0829, 0.3390,
0.3615

■ 44.3164, 0.4644,
0.4695

■ 68.4679, 0.3228,
0.3417

■ 72.0716, 0.3078,
0.3227

■ 75.9003, 0.2941,
0.3049

■ 78.9449, 0.2903,
0.3032

■ 81.6354, 0.2905,
0.3082

Harmonies

Analogous

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



53.5856, 0.4458, 0.3950



53.5856, 0.4101, 0.4384



53.5856, 0.3504, 0.4556

Triad

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



53.5856, 0.4101, 0.4384



53.5856, 0.1975, 0.2923



53.5856, 0.3312, 0.2529

Complementary

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



53.5856, 0.4101, 0.4384



21.4519, 0.2112, 0.1853

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.



53.5856, 0.2644, 0.2282



53.5856, 0.4101, 0.4384



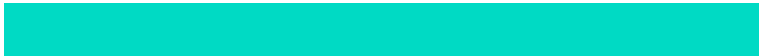
53.5856, 0.1938, 0.2448

Square

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



53.5856, 0.4101, 0.4384



53.5856, 0.2286, 0.3617



53.5856, 0.2166, 0.2243



53.5856, 0.3995, 0.2935

Rectangle

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



53.5856, 0.4101, 0.4384



53.5856, 0.3057, 0.4423



53.5856, 0.2166, 0.2243



53.5856, 0.3076, 0.2426

Sweetspot

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



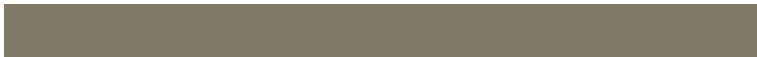
53.5881, 0.4101, 0.4384



91.6447, 0.3399, 0.3626



24.6899, 0.4424, 0.2958



19.4170, 0.3433, 0.3667



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.



53.5881, 0.4101, 0.4384



71.6286, 0.4296, 0.4550



61.9160, 0.3669, 0.4770



14.7580, 0.3272, 0.3472



26.4457, 0.4636, 0.4701



1.8350, 0.4550, 0.4769

Inverse Universe

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



21.4519, 0.2112, 0.1853



22.2681, 0.1903, 0.1506



17.8840, 0.2286, 0.1586



13.0742, 0.2981, 0.3101



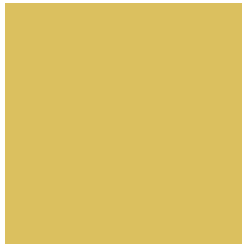
4.4016, 0.1565, 0.0833



0.4133, 0.1649, 0.1137

Previews

White Background



This preview shows how the Yxy color 53.5856, 0.4101, 0.4384 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 53.5856, 0.4101, 0.4384 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 53.5856, 0.4101, 0.4384

Background



This preview shows how black text looks on a background with the Yxy color 53.5856, 0.4101, 0.4384.



This preview shows how white text looks on a background with the Yxy color 53.5856, 0.4101, 0.4384.

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

53.5856, 0.4101, 0.4384

Protanopia

53.7242, 0.4037, 0.4414

Deuteranopia

53.3212, 0.4309, 0.4212



Tritanopia

53.4819, 0.3419, 0.3133

Trichromacy



Original Color

53.5856, 0.4101, 0.4384

Protanomaly

53.5834, 0.4061, 0.4396

Deuteranomaly

53.3741, 0.4234, 0.4277

Tritanomaly

53.2087, 0.3692, 0.3594

Monochromacy



Original Color

53.5856, 0.4101, 0.4384

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.4728, 0.3488, 0.3729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5856, 0.4101, 0.4384 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(219, 192, 95)` looks like.

```
.text, #text, p{  
    color:rgb(219, 192, 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(219, 192, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 192, 95) }
```

Border

The CSS property to change the border of an element to Yxy 53.5856, 0.4101, 0.4384 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(219, 192, 95) }
```

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

```
.border{ border-color:rgb(219, 192, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 192, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 192, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 192, 95);  
box-shadow:4px 4px 4px 4px rgb(219, 192,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5856, 0.4101, 0.4384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 192, 95) }
```

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

```
.background{ background-color: rgb(219,  
192, 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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