

Converting Colors

$Y_{xy}(57.3702, 0.4039, 0.4594)$

Have a look what the booklet for
Yxy(57.3702, 0.4039, 0.4594)
contains.

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Color

Yxy(57.5139, 0.4035, 0.4602)

Conversions

Conversions Part 1

Format	Color
Hex	D5CB55
RGB	213, 203, 85
RGB Percent	84%, 80%, 33%
CMY	0.1649, 0.2039, 0.6667
CMYK	0.00, 0.05, 0.60, 0.16
HSL	55°, 60%, 58%
HSV	55°, 60%, 84%
XYZ	50.4278, 57.5139, 17.0342
YIQ	192.5380, 43.8380, -34.5780

Conversions

Conversions Part 2

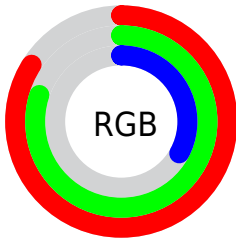
Format	Color
RYB	96, 213, 85
Decimal	14011221
CIELab	80.47, -11.03, 58.56
CIELCh	80, 59.588, 100.671
Yxy	57.5139, 0.4035, 0.4602
Android (android.graphics.Color)	4292201301 (0xFFD5CB55)
YUV	192.5380, -53.0162, 17.9452
Hunter-Lab	75.8379, -14.0243, 39.7692

Details

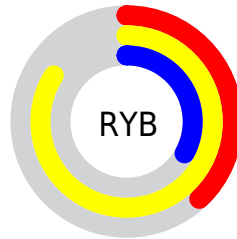
The Yxy color **57.5139, 0.4035, 0.4602** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **14.9049, 0.1994, 0.1498**, and the grayscale version is **53.3387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6441, 0.3804, 0.4408**, and **28.5473, 0.4195, 0.4893** is the 20% darker color. If you saturate the color by 10%, you get **56.4500, 0.4149, 0.4749**, and if you desaturate by 10%, it is **58.6934, 0.3900, 0.4420**.

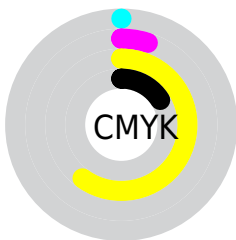
Distribution



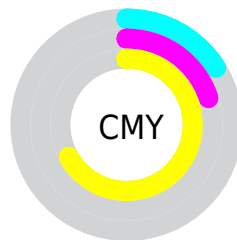
- Red (84%)
- Green (80%)
- Blue (33%)



- Red (38%)
- Yellow (84%)
- Blue (33%)



- Cyan (0%)
- Magenta (5%)
- Yellow (60%)
- Black (16%)





- Cyan (16%)
- Magenta (20%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5139, 0.4035, 0.4602 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 57.5139, 0.4035, 0.4602 by changing the saturation by 10% instead.


 57.5139, 0.4035,
0.4602

 57.5139, 0.4035,
0.4602


415.3722, 0.3637,
0.3988

 41.4180, 0.4112,
0.4734


 101.2146, 0.3906,
0.4393

 28.6458, 0.4196,
0.4890


 129.5883, 0.3853,
0.4310

 18.8131, 0.4284,
0.5071


 162.8232, 0.3806,
0.4238

 11.5353, 0.4364,
0.5277

 201.3039, 0.3764,
0.4175

 6.4281, 0.4450,
0.5550

245.4148, 0.3727,
0.4120

 3.1071, 0.4331,
0.5669

295.5402, 0.3694,

 1.1879, 0.4119,

0.4071

0.5881

352.0645, 0.3664,
0.4027

■ 0.0518, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 57.5139, 0.4035,
0.4602

■ 57.5139, 0.4035,
0.4602

■ 56.4500, 0.4149,
0.4749

■ 58.6934, 0.3900,
0.4420

■ 55.4841, 0.4238,
0.4854

■ 59.9886, 0.3751,
0.4210

■ 54.6076, 0.4299,
0.4914

■ 61.4098, 0.3594,
0.3985

■ 53.8074, 0.4337,
0.4938

■ 62.9638, 0.3435,
0.3751

■ 64.6568, 0.3279,
0.3518

■ 66.4947, 0.3129,
0.3292

■ 68.4831, 0.2987,
0.3077

■ 70.6042, 0.2858,
0.2879

■ 71.4578, 0.2859,
0.2897

Harmonies

Analogous

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



57.5139, 0.4536, 0.4153



57.5139, 0.4035, 0.4602



57.5139, 0.3327, 0.4697

Triad

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



57.5139, 0.4035, 0.4602



57.5139, 0.1811, 0.2691



57.5139, 0.3552, 0.2555

Complementary

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



57.5139, 0.4035, 0.4602



14.9049, 0.1994, 0.1498

Split Complementary

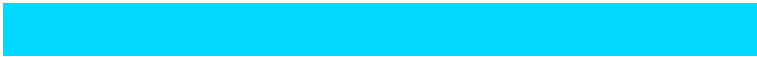
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.5139, 0.2772, 0.2231



57.5139, 0.4035, 0.4602



57.5139, 0.1854, 0.2257

Square

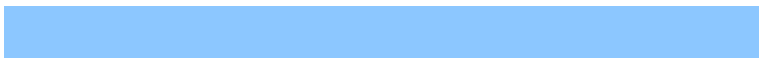
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



57.5139, 0.4035, 0.4602



57.5139, 0.2062, 0.3421



57.5139, 0.2179, 0.2119



57.5139, 0.4280, 0.3033

Rectangle

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



57.5139, 0.4035, 0.4602



57.5139, 0.2834, 0.4450



57.5139, 0.2179, 0.2119



57.5139, 0.3283, 0.2426

Sweetspot

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



57.5166, 0.4035, 0.4602



95.1337, 0.3405, 0.3706



21.4735, 0.4845, 0.3174



20.2085, 0.3451, 0.3775



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.



57.5166, 0.4035, 0.4602



84.4725, 0.4175, 0.4781



55.6619, 0.3534, 0.4937



14.3471, 0.3268, 0.3503



32.9495, 0.4335, 0.4940



2.0375, 0.4308, 0.4961

Inverse Universe

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



14.9049, 0.1994, 0.1498



15.1773, 0.1771, 0.1121



16.7268, 0.2403, 0.1559



12.1622, 0.2981, 0.3068



3.2295, 0.1515, 0.0654



0.2501, 0.1560, 0.0814

Previews

White Background



This preview shows how the Yxy color 57.5139, 0.4035, 0.4602 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 57.5139, 0.4035, 0.4602 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 57.5139, 0.4035, 0.4602

Background



This preview shows how black text looks on a background with the Yxy color 57.5139, 0.4035, 0.4602.



This preview shows how white text looks on a background with the Yxy color 57.5139, 0.4035, 0.4602.

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

57.5139, 0.4035, 0.4602

Protanopia

57.4782, 0.4138, 0.4541

Deuteranopia

57.3223, 0.4393, 0.4299



Tritanopia

57.5167, 0.3290, 0.3133

Trichromacy



Original Color

57.5139, 0.4035, 0.4602

Protanomaly

57.4735, 0.4105, 0.4564

Deuteranomaly

57.3970, 0.4262, 0.4404

Tritanomaly

56.8191, 0.3600, 0.3688

Monochromacy



Original Color

57.5139, 0.4035, 0.4602

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.5450, 0.3478, 0.3824

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5139, 0.4035, 0.4602 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(213, 203, 85)` looks like.

```
.text, #text, p{  
    color:rgb(213, 203, 85)  
}
```

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(213, 203, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 203, 85) }
```

Border

The CSS property to change the border of an element to Yxy 57.5139, 0.4035, 0.4602 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(213, 203, 85) }
```

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

```
.border{ border-color:rgb(213, 203, 85) }
```

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

Here you see how a box with a 4 pixel rgb(213, 203, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 203, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 203, 85);  
box-shadow:4px 4px 4px 4px rgb(213, 203,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5139, 0.4035, 0.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 203, 85) }
```

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

```
.background{ background-color: rgb(213,  
203, 85) }
```

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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