

Converting Colors

$Yxy(56.0885, 0.3640, 0.4241)$

Have a look what the booklet for
Yxy(56.0885, 0.3640, 0.4241)
contains.

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Color

Yxy(56.0885, 0.3640, 0.4241)

Conversions

Conversions Part 1

Format	Color
Hex	C5CB7E
RGB	197, 203, 126
RGB Percent	77%, 80%, 49%
CMY	0.2276, 0.2039, 0.5059
CMYK	0.03, 0.00, 0.38, 0.20
HSL	65°, 43%, 65%
HSV	65°, 38%, 80%
XYZ	48.1401, 56.0885, 28.0244
YIQ	192.4280, 21.1410, -25.2190

Conversions

Conversions Part 2

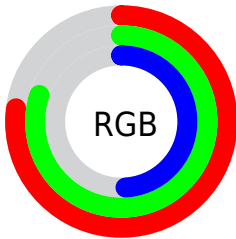
Format	Color
RYB	126, 203, 132
Decimal	12962686
CIELab	79.66, -13.79, 37.72
CIELCh	80, 40.159, 110.078
Yxy	56.0885, 0.3640, 0.4241
Android (android.graphics.Color)	4291152766 (0xFFC5CB7E)
YUV	192.4280, -32.7490, 4.0096
Hunter-Lab	74.8923, -16.3232, 30.2385

Details

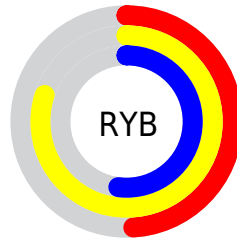
The Yxy color **56.0885, 0.3640, 0.4241** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **24.1417, 0.2488, 0.2163**, and the grayscale version is **53.1595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0753, 0.3573, 0.4028**, and **27.7537, 0.3755, 0.4497** is the 20% darker color. If you saturate the color by 10%, you get **55.4049, 0.3761, 0.4477**, and if you desaturate by 10%, it is **56.8858, 0.3508, 0.3991**.

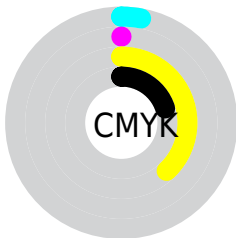
Distribution



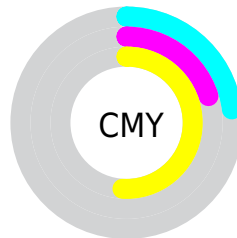
- Red (77%)
- Green (80%)
- Blue (49%)



- Red (49%)
- Yellow (80%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)





- Cyan (23%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0885, 0.3640, 0.4241 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 56.0885, 0.3640, 0.4241 by changing the saturation by 10% instead.


 56.0885, 0.3640,
0.4241


 56.0885, 0.3640,
0.4241


410.0249, 0.3405,
0.3774

 40.2739, 0.3691,
0.4353


 99.1340, 0.3560,
0.4075

 27.7522, 0.3751,
0.4492


 127.1336, 0.3529,
0.4011

 18.1389, 0.3822,
0.4670


 159.9637, 0.3501,
0.3957

 11.0498, 0.3903,
0.4903

198.0086, 0.3477,
0.3910

 6.1003, 0.3985,
0.5213

241.6529, 0.3456,
0.3869

 2.9062, 0.4176,
0.5824

291.2807, 0.3437,

 1.0829, 0.3858,

0.3834

0.6142

347.2766, 0.3420,
0.3802

0.0000, 0.0000,
0.0000

56.0885, 0.3640,
0.4241

56.0885, 0.3640,
0.4241

55.4049, 0.3761,
0.4477

56.8858, 0.3508,
0.3991

54.8208, 0.3867,
0.4690

57.7952, 0.3371,
0.3735

54.3317, 0.3951,
0.4868


58.8246, 0.3234,
0.3484

53.9295, 0.4011,
0.5006


59.9793, 0.3100,
0.3241

53.6045, 0.4044,
0.5100


61.2640, 0.2972,
0.3012

 53.3428, 0.4055,
0.5153

 62.6832, 0.2852,
0.2799

 53.2921, 0.4055,
0.5162

 63.3685, 0.2819,
0.2729

 63.6011, 0.2830,
0.2731

 63.8361, 0.2841,
0.2732

Harmonies

Analogous

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



56.0885, 0.4033, 0.4036



56.0885, 0.3640, 0.4241



56.0885, 0.3128, 0.4154

Triad

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



56.0885, 0.3640, 0.4241



56.0885, 0.2174, 0.2776



56.0885, 0.3592, 0.2871

Complementary

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



56.0885, 0.3640, 0.4241



24.1417, 0.2488, 0.2163

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.



56.0885, 0.3054, 0.2589



56.0885, 0.3640, 0.4241



56.0885, 0.2271, 0.2513

Square

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



56.0885, 0.3640, 0.4241



56.0885, 0.2301, 0.3228



56.0885, 0.2578, 0.2458



56.0885, 0.4021, 0.3253

Rectangle

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



56.0885, 0.3640, 0.4241



56.0885, 0.2792, 0.3918



56.0885, 0.2578, 0.2458



56.0885, 0.3416, 0.2763

Sweetspot

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



56.0910, 0.3640, 0.4241



97.9076, 0.3278, 0.3564



30.4719, 0.4028, 0.3360



20.9049, 0.3296, 0.3598



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.



56.0910, 0.3640, 0.4241



92.8996, 0.3746, 0.4447



51.6345, 0.3326, 0.4348



13.0501, 0.3254, 0.3520



33.9271, 0.4057, 0.5160



1.7639, 0.4086, 0.5138

Inverse Universe

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



24.1417, 0.2488, 0.2163



31.5065, 0.2311, 0.1862



27.7384, 0.2836, 0.2264



10.8854, 0.2994, 0.3051



2.8298, 0.1528, 0.0615



0.1610, 0.1619, 0.0666

Previews

White Background



This preview shows how the Yxy color 56.0885, 0.3640, 0.4241 looks on a white background.

Color Contrast Check

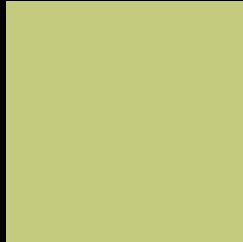
Large Text (above 18pt) WCAG AA × Fail

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 56.0885, 0.3640, 0.4241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

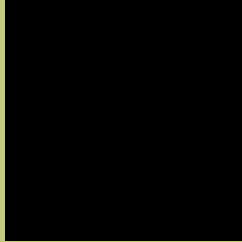
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0885, 0.3640, 0.4241

Background



This preview shows how black text looks on a background with the Yxy color 56.0885, 0.3640, 0.4241.



This preview shows how white text looks on a background with the Yxy color 56.0885, 0.3640, 0.4241.

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

56.0885, 0.3640, 0.4241

Protanopia

55.8348, 0.3836, 0.4149

Deuteranopia

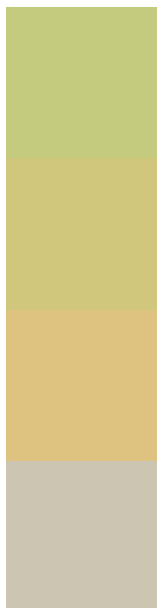
55.9847, 0.4030, 0.3953



Tritanopia

55.9594, 0.3127, 0.3115

Trichromacy



Original Color

56.0885, 0.3640, 0.4241

Protanomaly

55.7374, 0.3759, 0.4178

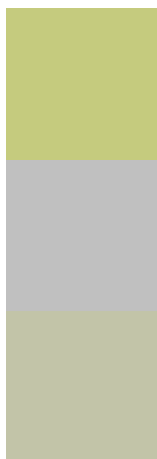
Deuteranomaly

55.6717, 0.3882, 0.4054

Tritanomaly

55.8434, 0.3318, 0.3521

Monochromacy



Original Color

56.0885, 0.3640, 0.4241

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.7763, 0.3322, 0.3642

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0885, 0.3640, 0.4241 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(197, 203, 126)` looks like.

```
.text, #text, p{  
    color:rgb(197, 203, 126)  
}
```

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(197, 203, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 203, 126) }
```

Border

The CSS property to change the border of an element to Yxy 56.0885, 0.3640, 0.4241 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(197, 203, 126) }
```

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

```
.border{ border-color:rgb(197, 203, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 203, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 203, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 203, 126); box-shadow:4px 4px 4px 4px rgb(197, 203, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0885, 0.3640, 0.4241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 203, 126) }
```

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

```
.background{ background-color: rgb(197,  
203, 126) }
```

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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