

Converting Colors

Yxy(58.2826, 0.3569, 0.4280)

Have a look what the booklet for
Yxy(58.2826, 0.3569, 0.4280)
contains.

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Color

Yxy(58.5234, 0.3565, 0.4279)

Conversions

Conversions Part 1

Format	Color
Hex	C1D181
RGB	193, 209, 129
RGB Percent	76%, 82%, 51%
CMY	0.2431, 0.1804, 0.4942
CMYK	0.08, 0.00, 0.38, 0.18
HSL	72°, 47%, 66%
HSV	72°, 38%, 82%
XYZ	48.7581, 58.5234, 29.4874
YIQ	195.0960, 16.1440, -28.2720

Conversions

Conversions Part 2

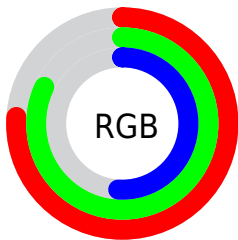
Format	Color
R _{YB}	129, 209, 145
Decimal	12702081
CIE Lab	81.03, -17.97, 37.89
CIE LCh	81, 41.940, 115.371
Yxy	58.5234, 0.3565, 0.4279
Android (android.graphics.Color)	4290892161 (0xFFC1D181)
YUV	195.0960, -32.5853, -1.8382
Hunter-Lab	76.5006, -20.1080, 30.6969

Details

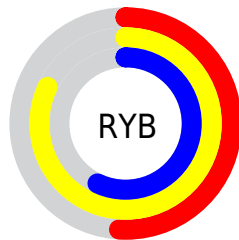
The Yxy color **58.5234, 0.3565, 0.4279** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **26.3147, 0.2562, 0.2173**, and the grayscale version is **54.8264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2629, 0.3522, 0.4007**, and **29.3960, 0.3649, 0.4550** is the 20% darker color. If you saturate the color by 10%, you get **57.4851, 0.3664, 0.4533**, and if you desaturate by 10%, it is **59.6961, 0.3455, 0.4015**.

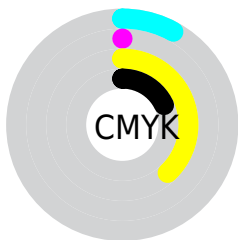
Distribution



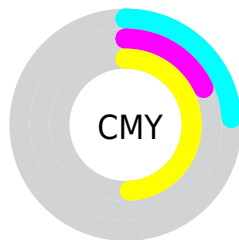
- Red (76%)
- Green (82%)
- Blue (51%)



- Red (51%)
- Yellow (82%)
- Blue (57%)



- Cyan (8%)
- Magenta (0%)
- Yellow (38%)
- Black (18%)





- Cyan (24%)
- Magenta (18%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5234, 0.3565, 0.4279 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 58.5234, 0.3565, 0.4279 by changing the saturation by 10% instead.


 58.5234, 0.3565,
0.4279

 58.5234, 0.3565,
0.4279


419.1334, 0.3369,
0.3793


 42.2296, 0.3606,
0.4396

 102.6847, 0.3500,
0.4105

 29.2811, 0.3653,
0.4542


 131.3209, 0.3473,
0.4039

 19.2936, 0.3707,
0.4729


 164.8400, 0.3450,
0.3983

 11.8826, 0.3766,
0.4976

203.6265, 0.3430,
0.3934

 6.6638, 0.3819,
0.5308

248.0647, 0.3412,
0.3892

 3.2527, 0.3991,
0.6009

298.5390, 0.3396,

 1.2651, 0.3633,

0.3855

0.6367

355.4337, 0.3382,
0.3822

0.1139, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.5234, 0.3565,
0.4279

58.5234, 0.3565,
0.4279

57.4851, 0.3664,
0.4533

59.6961, 0.3455,
0.4015

56.5662, 0.3747,
0.4767

61.0018, 0.3340,
0.3751


55.7615, 0.3808,
0.4970


62.4492, 0.3223,
0.3494

55.0620, 0.3845,
0.5132


64.0440, 0.3108,
0.3249

 54.4573, 0.3856,
0.5248

 65.7914, 0.2997,
0.3021

 53.9318, 0.3844,
0.5321

 67.6965, 0.2893,
0.2811

 53.8458, 0.3841,
0.5332

 68.3882, 0.2918,
0.2809

 69.0563, 0.2946,
0.2813

 69.7409, 0.2975,
0.2817

Harmonies

Analogous

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



58.5234, 0.4002, 0.4110



58.5234, 0.3565, 0.4279



58.5234, 0.3032, 0.4131

Triad

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



58.5234, 0.3565, 0.4279



58.5234, 0.2149, 0.2697



58.5234, 0.3697, 0.2923

Complementary

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



58.5234, 0.3565, 0.4279



26.3147, 0.2562, 0.2173

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.



58.5234, 0.3149, 0.2611



58.5234, 0.3565, 0.4279



58.5234, 0.2288, 0.2467

Square

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



58.5234, 0.3565, 0.4279



58.5234, 0.2238, 0.3131



58.5234, 0.2638, 0.2447



58.5234, 0.4100, 0.3325

Rectangle

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



58.5234, 0.3565, 0.4279



58.5234, 0.2697, 0.3854



58.5234, 0.2638, 0.2447



58.5234, 0.3521, 0.2806

Sweetspot

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



58.5260, 0.3565, 0.4279



97.2764, 0.3256, 0.3565



34.9806, 0.3996, 0.3479



20.7535, 0.3272, 0.3600



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.



58.5260, 0.3565, 0.4279



90.4313, 0.3648, 0.4490



54.0872, 0.3256, 0.4386



13.6734, 0.3236, 0.3522



33.2416, 0.3847, 0.5328



1.8897, 0.3914, 0.5274

Inverse Universe

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



26.3147, 0.2562, 0.2173



32.9009, 0.2411, 0.1897



30.4472, 0.2922, 0.2278



11.5297, 0.3012, 0.3052



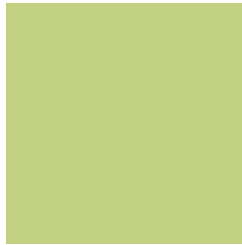
3.1718, 0.1603, 0.0657



0.2113, 0.1779, 0.0753

Previews

White Background



This preview shows how the Yxy color 58.5234, 0.3565, 0.4279 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 58.5234, 0.3565, 0.4279 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 58.5234, 0.3565, 0.4279

Background



This preview shows how black text looks on a background with the Yxy color 58.5234, 0.3565, 0.4279.



This preview shows how white text looks on a background with the Yxy color 58.5234, 0.3565, 0.4279.

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

58.5234, 0.3565, 0.4279

Protanopia

58.3397, 0.3838, 0.4156

Deuteranopia

58.0935, 0.4018, 0.3932



Tritanopia

58.5393, 0.3058, 0.3116

Trichromacy



Original Color

58.5234, 0.3565, 0.4279

Protanomaly

58.4197, 0.3740, 0.4202

Deuteranomaly

57.9014, 0.3850, 0.4046

Tritanomaly

58.4101, 0.3249, 0.3532

Monochromacy



Original Color

58.5234, 0.3565, 0.4279

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.7182, 0.3293, 0.3651

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5234, 0.3565, 0.4279 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(193, 209, 129)` looks like.

```
.text, #text, p{  
    color:rgb(193, 209, 129)  
}
```

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(193, 209, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 209, 129) }
```

Border

The CSS property to change the border of an element to Yxy 58.5234, 0.3565, 0.4279 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(193, 209, 129) }
```

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

```
.border{ border-color:rgb(193, 209, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 209, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 209, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 209, 129);  
box-shadow:4px 4px 4px 4px rgb(193, 209,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5234, 0.3565, 0.4279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 209, 129) }
```

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

```
.background{ background-color: rgb(193,  
209, 129) }
```

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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