

Converting Colors

$Y_{xy}(54.0290, 0.3595, 0.4327)$

Have a look what the booklet for
Yxy(54.0290, 0.3595, 0.4327)
contains.

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Color

Yxy(54.1619, 0.3600, 0.4332)

Conversions

Conversions Part 1

Format	Color
Hex	BBCA78
RGB	187, 202, 120
RGB Percent	73%, 79%, 47%
CMY	0.2666, 0.2079, 0.5293
CMYK	0.07, 0.00, 0.41, 0.21
HSL	71°, 44%, 63%
HSV	71°, 41%, 79%
XYZ	45.0099, 54.1619, 25.8557
YIQ	188.1670, 17.3820, -28.6820

Conversions

Conversions Part 2

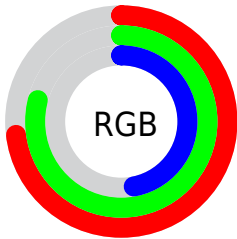
Format	Color
RYB	120, 202, 135
Decimal	12307064
CIELab	78.56, -17.84, 39.18
CIELCh	79, 43.050, 114.486
Yxy	54.1619, 0.3600, 0.4332
Android (android.graphics.Color)	4290497144 (0xFFBBCA78)
YUV	188.1670, -33.6063, -1.0235
Hunter-Lab	73.5948, -19.6219, 30.6863

Details

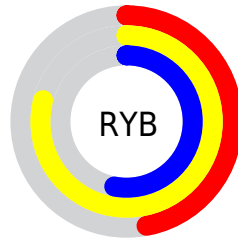
The Yxy color **54.1619, 0.3600, 0.4332** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.8506, 0.2509, 0.2095**, and the grayscale version is **50.5808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7702, 0.3539, 0.4117**, and **26.5150, 0.3695, 0.4625** is the 20% darker color. If you saturate the color by 10%, you get **53.2651, 0.3699, 0.4580**, and if you desaturate by 10%, it is **55.1790, 0.3489, 0.4072**.

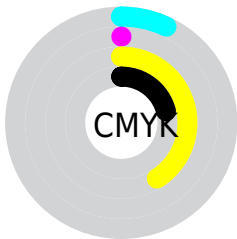
Distribution



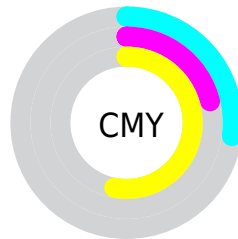
- Red (73%)
- Green (79%)
- Blue (47%)



- Red (47%)
- Yellow (79%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (41%)
- Black (21%)





- Cyan (27%)
- Magenta (21%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1619, 0.3600, 0.4332 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 54.1619, 0.3600, 0.4332 by changing the saturation by 10% instead.


 54.1619, 0.3600,
0.4332


 54.1619, 0.3600,
0.4332


402.7271, 0.3386,
0.3814

 38.7311, 0.3644,
0.4458


 96.3119, 0.3529,
0.4146

 26.5506, 0.3696,
0.4615


 123.7999, 0.3500,
0.4075

 17.2360, 0.3754,
0.4818


 156.0758, 0.3475,
0.4015

 10.4029, 0.3815,
0.5085

193.5240, 0.3453,
0.3964

 5.6669, 0.3869,
0.5454

236.5288, 0.3433,
0.3919

 2.6436, 0.3933,
0.6067

285.4746, 0.3416,

 0.9486, 0.3288,

0.3879

0.6712

340.7459, 0.3400,
0.3845

0.0000, 0.0000,
0.0000

54.1619, 0.3600,
0.4332

54.1619, 0.3600,
0.4332

53.2651, 0.3699,
0.4580

55.1790, 0.3489,
0.4072

52.4746, 0.3780,
0.4804

56.3151, 0.3372,
0.3809

51.7855, 0.3840,
0.4994


57.5784, 0.3252,
0.3551


51.1892, 0.3874,
0.5143

58.9739, 0.3134,
0.3304


50.6760, 0.3883,
0.5246


60.5068, 0.3020,
0.3072

 50.2511, 0.3872,
0.5308

 62.1816, 0.2912,
0.2858

 63.5827, 0.2851,
0.2723

 64.1400, 0.2876,
0.2727

 64.7100, 0.2902,
0.2731

Harmonies

Analogous

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



54.1619, 0.4055, 0.4139



54.1619, 0.3600, 0.4332



54.1619, 0.3041, 0.4190

Triad

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



54.1619, 0.3600, 0.4332



54.1619, 0.2102, 0.2675



54.1619, 0.3711, 0.2893

Complementary

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



54.1619, 0.3600, 0.4332



22.8506, 0.2509, 0.2095

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.



54.1619, 0.3131, 0.2572



54.1619, 0.3600, 0.4332



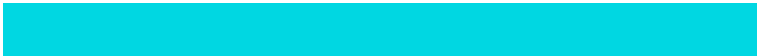
54.1619, 0.2240, 0.2430

Square

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



54.1619, 0.3600, 0.4332



54.1619, 0.2201, 0.3136



54.1619, 0.2599, 0.2405



54.1619, 0.4144, 0.3310

Rectangle

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



54.1619, 0.3600, 0.4332



54.1619, 0.2688, 0.3902



54.1619, 0.2599, 0.2405



54.1619, 0.3524, 0.2772

Sweetspot

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



54.1643, 0.3600, 0.4332



97.1392, 0.3271, 0.3591



30.8743, 0.4074, 0.3472



20.7294, 0.3287, 0.3625



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.



54.1643, 0.3600, 0.4332



90.3198, 0.3690, 0.4558



49.8308, 0.3271, 0.4453



12.9891, 0.3238, 0.3521



32.3729, 0.3877, 0.5304



1.6977, 0.3942, 0.5252

Inverse Universe

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



22.8506, 0.2509, 0.2095



29.9577, 0.2338, 0.1789



26.7767, 0.2892, 0.2214



10.9409, 0.3010, 0.3052



3.0240, 0.1589, 0.0649



0.1866, 0.1768, 0.0748

Previews

White Background



This preview shows how the Yxy color 54.1619, 0.3600, 0.4332 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 54.1619, 0.3600, 0.4332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

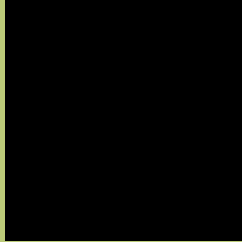
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1619, 0.3600, 0.4332

Background



This preview shows how black text looks on a background with the Yxy color 54.1619, 0.3600, 0.4332.



This preview shows how white text looks on a background with the Yxy color 54.1619, 0.3600, 0.4332.

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

54.1619, 0.3600, 0.4332

Protanopia

53.8650, 0.3875, 0.4204

Deuteranopia

53.6456, 0.4065, 0.3971



Tritanopia

54.2100, 0.3064, 0.3110

Trichromacy



Original Color

54.1619, 0.3600, 0.4332

Protanomaly

53.9370, 0.3774, 0.4253

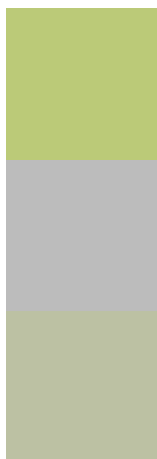
Deuteranomaly

53.4434, 0.3890, 0.4091

Tritanomaly

54.0443, 0.3268, 0.3552

Monochromacy



Original Color

54.1619, 0.3600, 0.4332

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

51.4756, 0.3315, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1619, 0.3600, 0.4332 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(187, 202, 120)` looks like.

```
.text, #text, p{  
    color:rgb(187, 202, 120)  
}
```

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(187, 202, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 202, 120) }
```

Border

The CSS property to change the border of an element to Yxy 54.1619, 0.3600, 0.4332 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(187, 202, 120) }
```

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

```
.border{ border-color:rgb(187, 202, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 202, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 202, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 202, 120);  
box-shadow:4px 4px 4px 4px rgb(187, 202,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1619, 0.3600, 0.4332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 202, 120) }
```

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

```
.background{ background-color: rgb(187,  
202, 120) }
```

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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