

Converting Colors

Yxy(52.4043, 0.3582, 0.4799)

Have a look what the booklet for
Yxy(52.4043, 0.3582, 0.4799)
contains.

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Color

Yxy(52.4002, 0.3585, 0.4793)

Conversions

Conversions Part 1

Format	Color
Hex	A5CD5A
RGB	165, 205, 90
RGB Percent	65%, 80%, 35%
CMY	0.3530, 0.1961, 0.6468
CMYK	0.20, 0.00, 0.56, 0.20
HSL	81°, 53%, 58%
HSV	81°, 56%, 80%
XYZ	39.1936, 52.4002, 17.7328
YIQ	179.9300, 13.0750, -44.2450

Conversions

Conversions Part 2

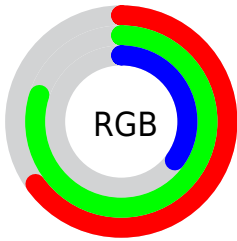
Format	Color
RYB	90, 205, 130
Decimal	10866010
CIELab	77.52, -30.94, 52.02
CIELCh	78, 60.527, 120.744
Yxy	52.4002, 0.3585, 0.4793
Android (android.graphics.Color)	4289056090 (0xFFA5CD5A)
YUV	179.9300, -44.3355, -13.0936
Hunter-Lab	72.3880, -30.0324, 36.1474

Details

The Yxy color **52.4002, 0.3585, 0.4793** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **16.4812, 0.2388, 0.1647**, and the grayscale version is **45.8421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0328, 0.3554, 0.4467**, and **25.5756, 0.3632, 0.5213** is the 20% darker color. If you saturate the color by 10%, you get **51.3559, 0.3626, 0.5033**, and if you desaturate by 10%, it is **53.5881, 0.3525, 0.4527**.

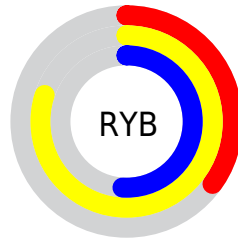
Distribution



Red (65%)

Green (80%)

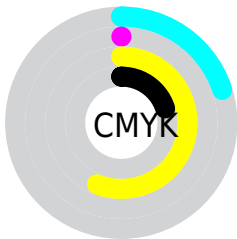
Blue (35%)



Red (35%)

Yellow (80%)

Blue (51%)

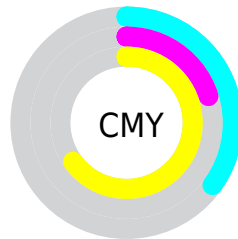


Cyan (20%)

Magenta (0%)

Yellow (56%)

Black (20%)



Cyan (35%)


Magenta (20%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.4002, 0.3585, 0.4793 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 52.4002, 0.3585, 0.4793 by changing the saturation by 10% instead.


 52.4002, 0.3585,
0.4793

 52.4002, 0.3585,
0.4793


395.9797, 0.3402,
0.4035

 37.3242, 0.3612,
0.4976


 93.7212, 0.3532,
0.4520


 25.4586, 0.3634,
0.5204


 120.7349, 0.3508,
0.4417

 16.4190, 0.3643,
0.5492

 152.4967, 0.3486,
0.4329

 9.8212, 0.3614,
0.5858

 189.3909, 0.3466,
0.4253

 5.2805, 0.3563,
0.6437

231.8019, 0.3448,
0.4188

 2.4128, 0.3157,
0.6843

280.1141, 0.3431,

 0.8325, 0.0413,

0.4130

0.9587

334.7119, 0.3416,
0.4080

■ 0.0000, 0.0000,
0.0000

■ 52.4002, 0.3585,
0.4793

■ 52.4002, 0.3585,
0.4793

■ 51.3559, 0.3626,
0.5033

■ 53.5881, 0.3525,
0.4527

■ 50.4395, 0.3643,
0.5236

■ 54.9205, 0.3449,
0.4249

■ 49.6432, 0.3636,
0.5392

■ 56.4070, 0.3365,
0.3970

■ 48.9542, 0.3605,
0.5498

■ 58.0541, 0.3274,
0.3697

■ 48.7039, 0.3590,
0.5532

■ 59.8681, 0.3182,
0.3439

■ 61.8548, 0.3092,
0.3198

■ 64.0196, 0.3004,
0.2976

■ 66.3678, 0.2922,
0.2775

■ 67.5798, 0.2966,
0.2773

Harmonies

Analogous

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



52.4002, 0.4275, 0.4524



52.4002, 0.3585, 0.4793



52.4002, 0.2814, 0.4512

Triad

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



52.4002, 0.3585, 0.4793



52.4002, 0.1757, 0.2324



52.4002, 0.4109, 0.2842

Complementary

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



52.4002, 0.3585, 0.4793



16.4812, 0.2388, 0.1647

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.



52.4002, 0.3290, 0.2392



52.4002, 0.3585, 0.4793



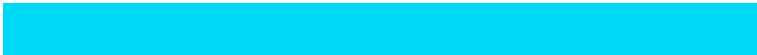
52.4002, 0.1996, 0.2088

Square

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



52.4002, 0.3585, 0.4793



52.4002, 0.1809, 0.2881



52.4002, 0.2522, 0.2125



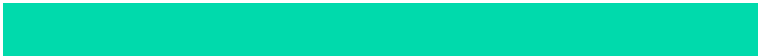
52.4002, 0.4649, 0.3398

Rectangle

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



52.4002, 0.3585, 0.4793



52.4002, 0.2358, 0.4015



52.4002, 0.2522, 0.2125



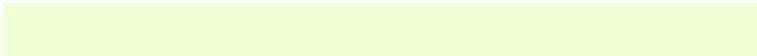
52.4002, 0.3850, 0.2676

Sweetspot

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



52.4025, 0.3585, 0.4793



94.7650, 0.3285, 0.3728



29.2545, 0.4487, 0.3773



20.1628, 0.3303, 0.3783



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.



52.4025, 0.3585, 0.4793



83.8340, 0.3631, 0.5072



47.6693, 0.3160, 0.5019



12.8937, 0.3213, 0.3523



30.3726, 0.3598, 0.5525



1.6081, 0.3716, 0.5431

Inverse Universe

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



16.4812, 0.2388, 0.1647



19.4800, 0.2196, 0.1309



22.1495, 0.2976, 0.1889



11.0307, 0.3036, 0.3054



3.6347, 0.1773, 0.0751



0.2295, 0.1998, 0.0874

Previews

White Background



This preview shows how the Yxy color 52.4002, 0.3585, 0.4793 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 52.4002, 0.3585, 0.4793 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 52.4002, 0.3585, 0.4793

Background



This preview shows how black text looks on a background with the Yxy color 52.4002, 0.3585, 0.4793.



This preview shows how white text looks on a background with the Yxy color 52.4002, 0.3585, 0.4793.

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

52.4002, 0.3585, 0.4793

Protanopia

51.9305, 0.4101, 0.4488

Deuteranopia

51.9626, 0.4304, 0.4212



Tritanopia

52.3973, 0.2918, 0.3103

Trichromacy



Original Color

52.4002, 0.3585, 0.4793

Protanomaly

51.7701, 0.3911, 0.4605

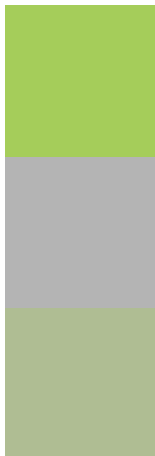
Deuteranomaly

51.3367, 0.4040, 0.4412

Tritanomaly

51.7631, 0.3187, 0.3712

Monochromacy



Original Color

52.4002, 0.3585, 0.4793

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

47.6157, 0.3335, 0.3859

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4002, 0.3585, 0.4793 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(165, 205, 90)` looks like.

```
.text, #text, p{  
    color:rgb(165, 205, 90)  
}
```

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(165, 205, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 205, 90) }
```

Border

The CSS property to change the border of an element to Yxy 52.4002, 0.3585, 0.4793 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(165, 205, 90) }
```

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

```
.border{ border-color:rgb(165, 205, 90) }
```

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

Here you see how a box with a 4 pixel rgb(165, 205, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 205, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 205, 90);  
box-shadow:4px 4px 4px 4px rgb(165, 205,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4002, 0.3585, 0.4793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 205, 90) }
```

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

```
.background{ background-color: rgb(165,  
205, 90) }
```

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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