

Converting Colors

Yxy(50.5867, 0.3358, 0.5503)

Have a look what the booklet for
Yxy(50.5867, 0.3358, 0.5503)
contains.

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Color

Yxy(50.4078, 0.3362, 0.5503)

Conversions

Conversions Part 1

Format	Color
Hex	73D32B
RGB	115, 211, 43
RGB Percent	45%, 83%, 17%
CMY	0.5492, 0.1725, 0.8312
CMYK	0.46, 0.00, 0.80, 0.17
HSL	94°, 66%, 50%
HSV	94°, 80%, 83%
XYZ	30.7961, 50.4078, 10.3967
YIQ	163.1440, -3.2880, -72.6000

Conversions

Conversions Part 2

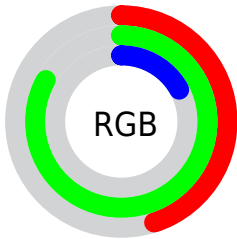
Format	Color
RYB	43, 211, 139
Decimal	7590699
CIELab	76.32, -54.51, 67.76
CIELCh	76, 86.961, 128.816
Yxy	50.4078, 0.3362, 0.5503
Android (android.graphics.Color)	4285780779 (0xFF73D32B)
YUV	163.1440, -59.2310, -42.2223
Hunter-Lab	70.9985, -46.8216, 41.0168

Details

The Yxy color **50.4078, 0.3362, 0.5503** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **11.9347, 0.2378, 0.1219**, and the grayscale version is **36.9821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4979, 0.3419, 0.5006**, and **24.5070, 0.3180, 0.5857** is the 20% darker color. If you saturate the color by 10%, you get **49.5280, 0.3323, 0.5671**, and if you desaturate by 10%, it is **51.4791, 0.3382, 0.5278**.

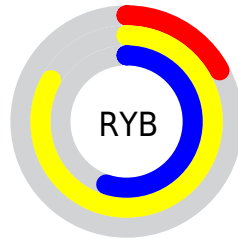
Distribution



Red (45%)

Green (83%)

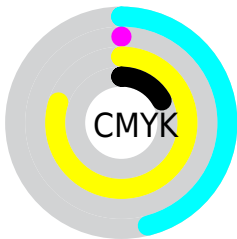
Blue (17%)



Red (17%)

Yellow (83%)

Blue (55%)

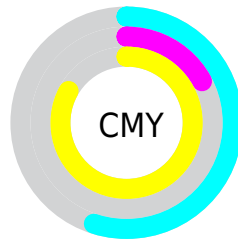


Cyan (46%)

Magenta (0%)

Yellow (80%)

Black (17%)



Cyan (55%)

Magenta (17%)


Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.4078, 0.3362, 0.5503 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 50.4078, 0.3362, 0.5503 by changing the saturation by 10% instead.


 50.4078, 0.3362,
0.5503


 50.4078, 0.3362,
0.5503


388.2586, 0.3343,
0.4364

 35.7375, 0.3328,
0.5775


 90.7788, 0.3383,
0.5093

 24.2316, 0.3261,
0.6106


 117.2483, 0.3382,
0.4937

 15.5055, 0.3134,
0.6511


 148.4197, 0.3378,
0.4804

 9.1749, 0.2930,
0.7070

 184.6774, 0.3372,
0.4691

 4.8554, 0.2468,
0.7532

 226.4057, 0.3365,
0.4592

 2.1627, 0.1516,
0.8484

 273.9891, 0.3358,

 0.6995, 0.0000,

0.4506

1.0000

327.8119, 0.3350,
0.4431

■ 0.0000, 0.0000,
0.0000

■ 50.4078, 0.3362,
0.5503

■ 50.4078, 0.3362,
0.5503

■ 49.5280, 0.3323,
0.5671

■ 51.4791, 0.3382,
0.5278

■ 48.8102, 0.3270,
0.5783

■ 52.7502, 0.3381,
0.5009

■ 48.7837, 0.3268,
0.5787

■ 54.2360, 0.3363,
0.4712

■ 55.9483, 0.3330,
0.4403

■ 57.8976, 0.3286,
0.4097

■ 60.0938, 0.3235,
0.3804

■ 62.5461, 0.3181,
0.3531

■ 65.2632, 0.3125,
0.3280

■ 68.2534, 0.3070,
0.3054

Harmonies

Analogous

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



50.4078, 0.4369, 0.5091



50.4078, 0.3362, 0.5503



50.4078, 0.2349, 0.4896

Triad

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



50.4078, 0.3362, 0.5503



50.4078, 0.1353, 0.1822



50.4078, 0.4818, 0.2820

Complementary

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



50.4078, 0.3362, 0.5503



11.9347, 0.2378, 0.1219

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.



50.4078, 0.3662, 0.2209



50.4078, 0.3362, 0.5503



50.4078, 0.1741, 0.1660

Square

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



50.4078, 0.3362, 0.5503



50.4078, 0.1300, 0.2394



50.4078, 0.2516, 0.1801



50.4078, 0.5377, 0.3530

Rectangle

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



50.4078, 0.3362, 0.5503



50.4078, 0.1810, 0.3990



50.4078, 0.2516, 0.1801



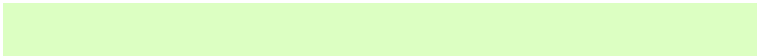
50.4078, 0.4471, 0.2600

Sweetspot

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



50.4100, 0.3362, 0.5503



90.6211, 0.3259, 0.3939



32.2684, 0.4838, 0.4286



19.1411, 0.3277, 0.4045



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.



50.4100, 0.3362, 0.5503



75.1861, 0.3283, 0.5756



47.3774, 0.2983, 0.5661



13.4501, 0.3180, 0.3526



29.4954, 0.3278, 0.5779



1.6956, 0.3425, 0.5663

Inverse Universe

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



11.9347, 0.2378, 0.1219



13.9460, 0.2192, 0.0993



19.7437, 0.3339, 0.1729



11.7466, 0.3070, 0.3056



5.3393, 0.2177, 0.0973



0.3449, 0.2362, 0.1075

Previews

White Background



This preview shows how the Yxy color 50.4078, 0.3362, 0.5503 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 50.4078, 0.3362, 0.5503 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 50.4078, 0.3362, 0.5503

Background



This preview shows how black text looks on a background with the Yxy color 50.4078, 0.3362, 0.5503.



This preview shows how white text looks on a background with the Yxy color 50.4078, 0.3362, 0.5503.

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

50.4078, 0.3362, 0.5503

Protanopia

49.3759, 0.4339, 0.4795

Deuteranopia

49.6490, 0.4548, 0.4459



Tritanopia

50.2614, 0.2623, 0.3090

Trichromacy



Original Color

50.4078, 0.3362, 0.5503



Protanomaly

48.7403, 0.3942, 0.5084



Deuteranomaly

48.1603, 0.4086, 0.4853



Tritanomaly

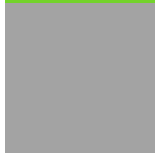
49.3007, 0.2950, 0.4032

Monochromacy



Original Color

50.4078, 0.3362, 0.5503



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

40.0854, 0.3312, 0.4214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4078, 0.3362, 0.5503 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(115, 211, 43)` looks like.

```
.text, #text, p{  
    color:rgb(115, 211, 43)  
}
```

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(115, 211, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 211, 43) }
```

Border

The CSS property to change the border of an element to Yxy 50.4078, 0.3362, 0.5503 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(115, 211, 43) }
```

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

```
.border{ border-color:rgb(115, 211, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 211, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 211, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 211, 43);  
box-shadow:4px 4px 4px 4px rgb(115, 211,  
43) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4078, 0.3362, 0.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 211, 43) }
```

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

```
.background{ background-color: rgb(115,  
211, 43) }
```

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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