

Converting Colors

$Yxy(60.7372, 0.3129, 0.4564)$

Have a look what the booklet for
Yxy(60.7372, 0.3129, 0.4564)
contains.

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Color

Yxy(60.4985, 0.3130, 0.4562)

Conversions

Conversions Part 1

Format	Color
Hex	8CE082
RGB	140, 224, 130
RGB Percent	55%, 88%, 51%
CMY	0.4507, 0.1216, 0.4902
CMYK	0.37, 0.00, 0.42, 0.12
HSL	114°, 60%, 69%
HSV	114°, 42%, 88%
XYZ	41.5082, 60.4985, 30.6073
YIQ	188.1680, -19.8900, -47.0420

Conversions

Conversions Part 2

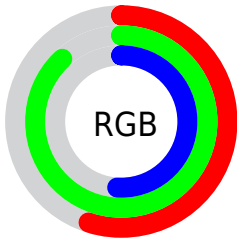
Format	Color
RYB	130, 224, 214
Decimal	9232514
CIELab	82.11, -43.54, 38.14
CIElCh	82, 57.878, 138.781
Yxy	60.4985, 0.3130, 0.4562
Android (android.graphics.Color)	4287422594 (0xFF8CE082)
YUV	188.1680, -28.6768, -42.2433
Hunter-Lab	77.7808, -40.8588, 31.1155

Details

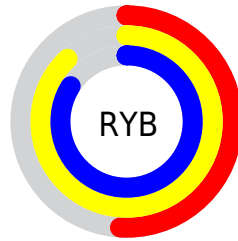
The Yxy color **60.4985, 0.3130, 0.4562** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **35.6314, 0.3080, 0.2233**, and the grayscale version is **50.5737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8510, 0.3168, 0.4080**, and **30.5011, 0.3094, 0.4925** is the 20% darker color. If you saturate the color by 10%, you get **58.3802, 0.3121, 0.4912**, and if you desaturate by 10%, it is **63.0687, 0.3134, 0.4218**.

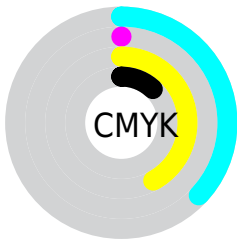
Distribution



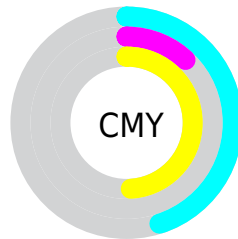
- Red (55%)
- Green (88%)
- Blue (51%)



- Red (51%)
- Yellow (88%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (42%)
- Black (12%)





- Cyan (45%)
- Magenta (12%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.4985, 0.3130, 0.4562 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 60.4985, 0.3130, 0.4562 by changing the saturation by 10% instead.


 60.4985, 0.3130,
0.4562


 60.4985, 0.3130,
0.4562


426.4328, 0.3154,
0.3916

 43.8206, 0.3116,
0.4724


 105.5525, 0.3145,
0.4326

 30.5295, 0.3093,
0.4930


 134.6973, 0.3149,
0.4238

 20.2408, 0.3055,
0.5202


 168.7665, 0.3151,
0.4164

 12.5702, 0.2987,
0.5572

208.1446, 0.3153,
0.4100

 7.1333, 0.2857,
0.6096

253.2158, 0.3154,
0.4045

 3.5456, 0.2740,
0.7260

304.3647, 0.3154,

 1.4228, 0.1293,

0.3996

0.8707

361.9755, 0.3154,
0.3954

■ 0.2334, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4985, 0.3130,
0.4562

■ 60.4985, 0.3130,
0.4562

■ 58.3802, 0.3121,
0.4912

■ 63.0687, 0.3134,
0.4218

■ 56.6803, 0.3106,
0.5246

■ 66.1067, 0.3135,
0.3895


■ 55.3732, 0.3087,
0.5539

■ 69.6370, 0.3133,
0.3600

■ 54.4268, 0.3064,
0.5768

■ 73.6802, 0.3128,
0.3338

 53.8043, 0.3039,
0.5916

 78.2558, 0.3122,
0.3107

 53.5023, 0.3022,
0.5982

 81.7882, 0.3141,
0.2989

Harmonies

Analogous

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



60.4985, 0.3832, 0.4615



60.4985, 0.3130, 0.4562



60.4985, 0.2465, 0.3996

Triad

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



60.4985, 0.3130, 0.4562



60.4985, 0.1961, 0.2237



60.4985, 0.4367, 0.3188

Complementary

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



60.4985, 0.3130, 0.4562



35.6314, 0.3080, 0.2233

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.



60.4985, 0.3740, 0.2697



60.4985, 0.3130, 0.4562



60.4985, 0.2347, 0.2170

Square

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



60.4985, 0.3130, 0.4562



60.4985, 0.1845, 0.2577



60.4985, 0.2980, 0.2337



60.4985, 0.4600, 0.3735

Rectangle

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



60.4985, 0.3130, 0.4562



60.4985, 0.2132, 0.3468



60.4985, 0.2980, 0.2337



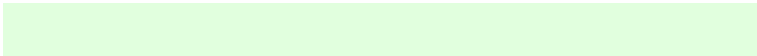
60.4985, 0.4192, 0.3014

Sweetspot

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



60.5011, 0.3130, 0.4562



92.8579, 0.3133, 0.3632



65.0606, 0.3798, 0.4219



19.6412, 0.3134, 0.3696



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.



60.5011, 0.3130, 0.4562



78.7419, 0.3123, 0.4856



60.8081, 0.2866, 0.4078



15.4071, 0.3132, 0.3531



31.1680, 0.3027, 0.5979



2.1844, 0.3094, 0.5926

Inverse Universe

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



35.6314, 0.3080, 0.2233



41.2894, 0.3064, 0.2037



35.4404, 0.3537, 0.2623



13.8572, 0.3121, 0.3058



10.3111, 0.2942, 0.1394



0.7364, 0.2985, 0.1418

Previews

White Background



This preview shows how the Yxy color 60.4985, 0.3130, 0.4562 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 60.4985, 0.3130, 0.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

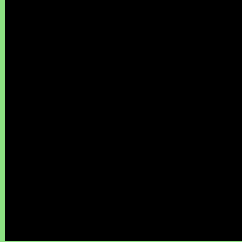
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4985, 0.3130, 0.4562

Background



This preview shows how black text looks on a background with the Yxy color 60.4985, 0.3130, 0.4562.



This preview shows how white text looks on a background with the Yxy color 60.4985, 0.3130, 0.4562.

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

60.4985, 0.3130, 0.4562

Protanopia

59.6466, 0.3882, 0.4210

Deuteranopia

59.4444, 0.3994, 0.3907



Tritanopia

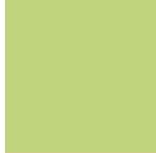
60.0132, 0.2659, 0.3081

Trichromacy



Original Color

60.4985, 0.3130, 0.4562



Protanomaly

59.2757, 0.3576, 0.4349



Deuteranomaly

58.5057, 0.3653, 0.4143



Tritanomaly

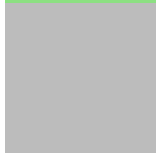
59.5413, 0.2829, 0.3588

Monochromacy



Original Color

60.4985, 0.3130, 0.4562



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

53.2212, 0.3137, 0.3739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4985, 0.3130, 0.4562 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(140, 224, 130)` looks like.

```
.text, #text, p{  
    color:rgb(140, 224, 130)  
}
```

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(140, 224, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 224, 130) }
```

Border

The CSS property to change the border of an element to Yxy 60.4985, 0.3130, 0.4562 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(140, 224, 130) }
```

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

```
.border{ border-color:rgb(140, 224, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 224, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 224, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 224, 130);  
box-shadow:4px 4px 4px 4px rgb(140, 224,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4985, 0.3130, 0.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 224, 130) }
```

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

```
.background{ background-color: rgb(140,  
224, 130) }
```

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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