

Converting Colors

Yxy(60.2642, 0.3029, 0.4444)

Have a look what the booklet for
Yxy(60.2642, 0.3029, 0.4444)
contains.

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Color

Yxy(60.1913, 0.3030, 0.4442)

Conversions

Conversions Part 1

Format	Color
Hex	85E08C
RGB	133, 224, 140
RGB Percent	52%, 88%, 55%
CMY	0.4785, 0.1215, 0.4511
CMYK	0.41, 0.00, 0.38, 0.12
HSL	125°, 59%, 70%
HSV	125°, 41%, 88%
XYZ	41.0580, 60.1913, 34.2557
YIQ	187.2150, -27.2720, -45.4160

Conversions

Conversions Part 2

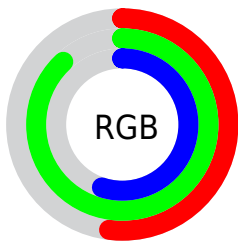
Format	Color
RYB	133, 218, 224
Decimal	8773772
CIELab	81.94, -44.19, 32.84
CIELCh	82, 55.060, 143.385
Yxy	60.1913, 0.3030, 0.4442
Android (android.graphics.Color)	4286963852 (0xFF85E08C)
YUV	187.2150, -23.2770, -47.5466
Hunter-Lab	77.5831, -41.3057, 28.1295

Details

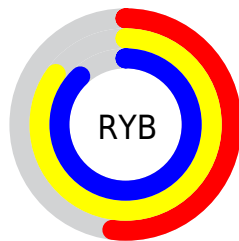
The Yxy color **60.1913, 0.3030, 0.4442** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **37.6280, 0.3239, 0.2360**, and the grayscale version is **49.9645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.3622, 0.3071, 0.3975**, and **30.3043, 0.2972, 0.4774** is the 20% darker color. If you saturate the color by 10%, you get **58.0075, 0.3009, 0.4781**, and if you desaturate by 10%, it is **62.8835, 0.3054, 0.4116**.

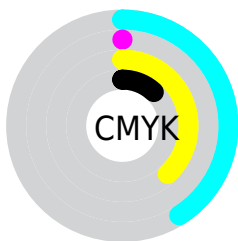
Distribution



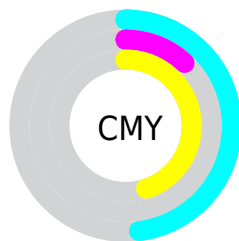
- Red (52%)
- Green (88%)
- Blue (55%)



- Red (52%)
- Yellow (85%)
- Blue (88%)



- Cyan (41%)
- Magenta (0%)
- Yellow (38%)
- Black (12%)





- Cyan (48%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.1913, 0.3030, 0.4442 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 60.1913, 0.3030, 0.4442 by changing the saturation by 10% instead.


 60.1913, 0.3030,
0.4442


 60.1913, 0.3030,
0.4442


425.3025, 0.3097,
0.3856


 43.5728, 0.3008,
0.4590


 105.1071, 0.3059,
0.4228

 30.3348, 0.2975,
0.4779


 134.1733, 0.3068,
0.4147

 20.0929, 0.2927,
0.5031


 168.1575, 0.3076,
0.4080

 12.4626, 0.2850,
0.5378

207.4441, 0.3082,
0.4022

 7.0595, 0.2716,
0.5882

252.4175, 0.3087,
0.3972

 3.4994, 0.2514,
0.6807

303.4621, 0.3091,

 1.3977, 0.1128,

0.3928

0.8872

360.9623, 0.3094,
0.3890

0.2150, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.1913, 0.3030,
0.4442

60.1913, 0.3030,
0.4442

58.0075, 0.3009,
0.4781

62.8835, 0.3054,
0.4116

56.2932, 0.2992,
0.5114

66.1052, 0.3078,
0.3815


55.0160, 0.2982,
0.5420

69.8854, 0.3102,
0.3543

54.1360, 0.2978,
0.5674

74.2490, 0.3126,
0.3304

 53.6064, 0.2982,
0.5857

 79.2190, 0.3147,
0.3096

 53.3574, 0.2989,
0.5959

 81.7963, 0.3141,
0.2990

Harmonies

Analogous

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



60.1913, 0.3709, 0.4577



60.1913, 0.3030, 0.4442



60.1913, 0.2413, 0.3850

Triad

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



60.1913, 0.3030, 0.4442



60.1913, 0.2048, 0.2255



60.1913, 0.4371, 0.3276

Complementary

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



60.1913, 0.3030, 0.4442



37.6280, 0.3239, 0.2360

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.



60.1913, 0.3820, 0.2789



60.1913, 0.3030, 0.4442



60.1913, 0.2461, 0.2225

Square

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



60.1913, 0.3030, 0.4442



60.1913, 0.1896, 0.2543



60.1913, 0.3097, 0.2417



60.1913, 0.4528, 0.3805

Rectangle

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



60.1913, 0.3030, 0.4442



60.1913, 0.2118, 0.3348



60.1913, 0.3097, 0.2417



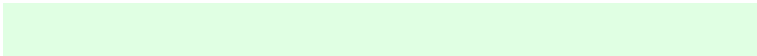
60.1913, 0.4223, 0.3105

Sweetspot

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



60.1938, 0.3030, 0.4442



92.9637, 0.3099, 0.3581



69.9054, 0.3686, 0.4309



19.7490, 0.3096, 0.3615



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.



60.1938, 0.3030, 0.4442



78.1532, 0.3011, 0.4737



61.7853, 0.2780, 0.3813



15.3543, 0.3105, 0.3513



31.0615, 0.2985, 0.5948



2.1591, 0.2945, 0.5803

Inverse Universe

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



37.6280, 0.3239, 0.2360



43.8551, 0.3267, 0.2178



35.6127, 0.3703, 0.2829



13.9165, 0.3150, 0.3076



11.8479, 0.3411, 0.1653



0.8267, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 60.1913, 0.3030, 0.4442 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 60.1913, 0.3030, 0.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

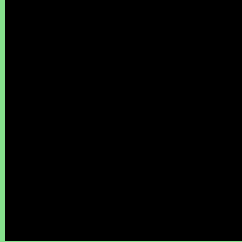
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.1913, 0.3030, 0.4442

Background



This preview shows how black text looks on a background with the Yxy color 60.1913, 0.3030, 0.4442.



This preview shows how white text looks on a background with the Yxy color 60.1913, 0.3030, 0.4442.

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

60.1913, 0.3030, 0.4442

Protanopia

59.5662, 0.3801, 0.4119

Deuteranopia

59.2154, 0.3889, 0.3807



Tritanopia

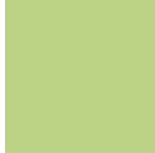
59.8810, 0.2614, 0.3079

Trichromacy



Original Color

60.1913, 0.3030, 0.4442



Protanomaly

59.0011, 0.3484, 0.4253



Deuteranomaly

58.0938, 0.3539, 0.4035



Tritanomaly

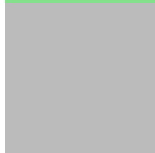
59.5862, 0.2764, 0.3550

Monochromacy



Original Color

60.1913, 0.3030, 0.4442



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.4263, 0.3085, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1913, 0.3030, 0.4442 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(133, 224, 140)` looks like.

```
.text, #text, p{  
    color:rgb(133, 224, 140)  
}
```

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(133, 224, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 224, 140) }
```

Border

The CSS property to change the border of an element to Yxy 60.1913, 0.3030, 0.4442 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(133, 224, 140) }
```

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

```
.border{ border-color:rgb(133, 224, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 224, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 224, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 224, 140);  
box-shadow:4px 4px 4px 4px rgb(133, 224,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1913, 0.3030, 0.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 224, 140) }
```

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

```
.background{ background-color: rgb(133,  
224, 140) }
```

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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