

Converting Colors

$Yxy(60.0559, 0.3032, 0.4562)$

Have a look what the booklet for
Yxy(60.0559, 0.3032, 0.4562)
contains.

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Color

Yxy(60.0559, 0.3032, 0.4562)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FE185 |
| RGB | 127, 225, 133 |
| RGB Percent | 50%, 88%, 52% |
| CMY | 0.5018, 0.1176, 0.4785 |
| CMYK | 0.44, 0.00, 0.41, 0.12 |
| HSL | 124°, 62%, 69% |
| HSV | 124°, 44%, 88% |
| XYZ | 39.9144, 60.0559, 31.6735 |
| YIQ | 185.2100, -28.8760, -49.3880 |

Conversions

Conversions Part 2

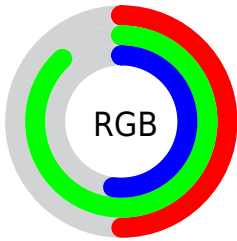
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 127, 219, 225 |
| Decimal | 8380805 |
| CIELab | 81.87, -47.42, 36.22 |
| CIELCh | 82, 59.671, 142.627 |
| Yxy | 60.0559, 0.3032, 0.4562 |
| Android (android.graphics.Color) | 4286570885 (0xFF7FE185) |
| YUV | 185.2100, -25.7395, -51.0502 |
| Hunter-Lab | 77.4957, -43.6806, 30.0144 |

Details

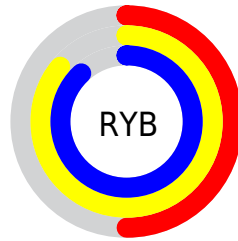
The Yxy color **60.0559, 0.3032, 0.4562** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **36.3127, 0.3233, 0.2282**, and the grayscale version is **48.8020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.2982, 0.3073, 0.4064**, and **30.2872, 0.2971, 0.4933** is the 20% darker color. If you saturate the color by 10%, you get **57.9924, 0.3013, 0.4906**, and if you desaturate by 10%, it is **62.6277, 0.3054, 0.4225**.

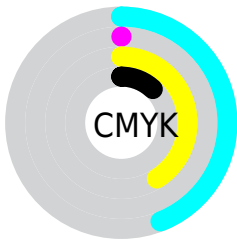
Distribution



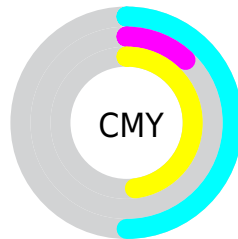
- Red (50%)
- Green (88%)
- Blue (52%)



- Red (50%)
- Yellow (86%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (41%)
- Black (12%)





- Cyan (50%)
- Magenta (12%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.0559, 0.3032, 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 60.0559, 0.3032, 0.4562 by changing the saturation by 10% instead.

 60.0559, 0.3032,
0.4562

 60.0559, 0.3032,
0.4562

424.8038, 0.3103,
0.3912


 43.4637, 0.3007,
0.4726


 104.9108, 0.3063,
0.4324

 30.2491, 0.2971,
0.4936


 133.9422, 0.3073,
0.4235

 20.0277, 0.2916,
0.5215


 167.8888, 0.3081,
0.4160

 12.4152, 0.2827,
0.5598

207.1351, 0.3087,
0.4096

 7.0271, 0.2669,
0.6148

252.0653, 0.3092,
0.4041

 3.4791, 0.2479,
0.7303

303.0639, 0.3097,

 1.3867, 0.0617,

0.3993

0.9383

360.5152, 0.3100,
0.3950

0.2069, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.0559, 0.3032,
0.4562

60.0559, 0.3032,
0.4562

57.9924, 0.3013,
0.4906

62.6277, 0.3054,
0.4225

56.3965, 0.2998,
0.5236


65.7304, 0.3076,
0.3910

55.2338, 0.2988,
0.5529


69.3941, 0.3099,
0.3625

54.4616, 0.2986,
0.5759

73.6446, 0.3120,
0.3372

 54.0288, 0.2989,
0.5912

 78.5062, 0.3140,
0.3151

 53.8813, 0.2991,
0.5969

 82.3304, 0.3141,
0.2999

Harmonies

Analogous

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



60.0559, 0.3761, 0.4681



60.0559, 0.3032, 0.4562



60.0559, 0.2367, 0.3920

Triad

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



60.0559, 0.3032, 0.4562



60.0559, 0.1963, 0.2182



60.0559, 0.4466, 0.3251

Complementary

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



60.0559, 0.3032, 0.4562



36.3127, 0.3233, 0.2282

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.



60.0559, 0.3858, 0.2737



60.0559, 0.3032, 0.4562



60.0559, 0.2394, 0.2148

Square

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



60.0559, 0.3032, 0.4562



60.0559, 0.1808, 0.2491



60.0559, 0.3072, 0.2348



60.0559, 0.4642, 0.3814

Rectangle

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



60.0559, 0.3032, 0.4562



60.0559, 0.2049, 0.3367



60.0559, 0.3072, 0.2348



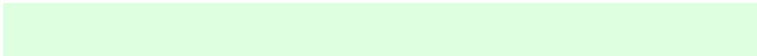
60.0559, 0.4302, 0.3071

Sweetspot

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



60.0584, 0.3032, 0.4562



92.4004, 0.3100, 0.3613



70.6152, 0.3735, 0.4373



19.5302, 0.3095, 0.3673



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.



60.0584, 0.3032, 0.4562



77.3108, 0.3015, 0.4866



61.6980, 0.2769, 0.3881



15.3507, 0.3108, 0.3517



31.0545, 0.2989, 0.5960



2.1574, 0.2956, 0.5843

Inverse Universe

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



36.3127, 0.3233, 0.2282



41.9894, 0.3257, 0.2103



34.1406, 0.3743, 0.2778



13.9205, 0.3147, 0.3073



11.9504, 0.3367, 0.1628



0.8328, 0.3340, 0.1614

Previews

White Background



This preview shows how the Yxy color 60.0559, 0.3032, 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 60.0559, 0.3032, 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 60.0559, 0.3032, 0.4562

Background



This preview shows how black text looks on a background with the Yxy color 60.0559, 0.3032, 0.4562.

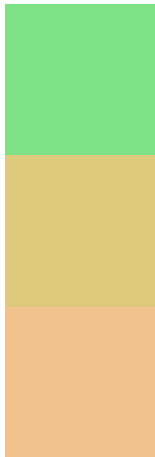


This preview shows how white text looks on a background with the Yxy color 60.0559, 0.3032, 0.4562.

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

60.0559, 0.3032, 0.4562

Protanopia

59.0684, 0.3864, 0.4182

Deuteranopia

59.1778, 0.3953, 0.3880



Tritanopia

59.5611, 0.2587, 0.3066

Trichromacy



Original Color

60.0559, 0.3032, 0.4562



Protanomaly

58.1903, 0.3525, 0.4330



Deuteranomaly

57.7481, 0.3581, 0.4122



Tritanomaly

59.1413, 0.2752, 0.3579

Monochromacy



Original Color

60.0559, 0.3032, 0.4562



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

51.9542, 0.3090, 0.3747

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0559, 0.3032, 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(127, 225, 133)` looks like.

```
.text, #text, p{  
    color:rgb(127, 225, 133)  
}
```

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(127, 225, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 225, 133) }
```

Border

The CSS property to change the border of an element to Yxy 60.0559, 0.3032, 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(127, 225, 133) }
```

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

```
.border{ border-color:rgb(127, 225, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 225, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 225, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 225, 133); box-shadow:4px 4px 4px 4px rgb(127, 225, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0559, 0.3032, 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(127, 225, 133) }
```

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

```
.background{ background-color: rgb(127,  
225, 133) }
```

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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