

Converting Colors

Yxy(66.4692, 0.2875, 0.4261)

Have a look what the booklet for
Yxy(66.4692, 0.2875, 0.4261)
contains.

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Color

Yxy(66.4609, 0.2875, 0.4262)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7EEBA2 |
| RGB | 126, 235, 162 |
| RGB Percent | 49%, 92%, 64% |
| CMY | 0.5059, 0.0784, 0.3647 |
| CMYK | 0.46, 0.00, 0.31, 0.08 |
| HSL | 140°, 73%, 71% |
| HSV | 140°, 46%, 92% |
| XYZ | 44.8323, 66.4609, 44.6451 |
| YIQ | 194.0870, -41.5310, -45.8110 |

Conversions

Conversions Part 2

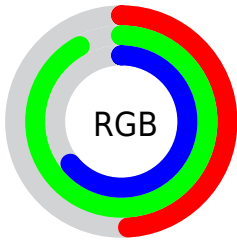
| Format | Color |
|-------------------------------------|--|
| RYB | 126, 208, 235 |
| Decimal | 8317858 |
| CIELab | 85.23, -47.13, 25.95 |
| CIELCh | 85, 53.801, 151.158 |
| Yxy | 66.4609, 0.2875, 0.4262 |
| Android (android.graphics.Color) | 4286507938 (0xFF7EEBA2) |
| YUV | 194.0870, -15.8189, -59.7123 |
| Hunter-Lab | 81.5236, -44.5037, 24.5972 |

Details

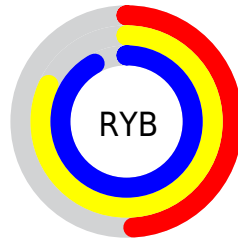
The Yxy color **66.4609, 0.2875, 0.4262** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **36.7055, 0.3537, 0.2495**, and the grayscale version is **54.1162, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.7201, 0.2914, 0.3713**, and **34.1599, 0.2790, 0.4528** is the 20% darker color. If you saturate the color by 10%, you get **64.3571, 0.2841, 0.4519**, and if you desaturate by 10%, it is **69.0598, 0.2920, 0.4017**.

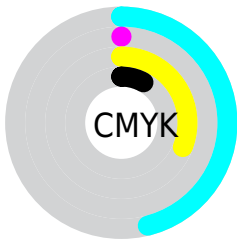
Distribution



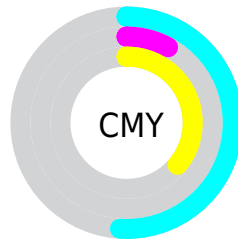
- Red (49%)
- Green (92%)
- Blue (64%)



- Red (49%)
- Yellow (82%)
- Blue (92%)



- Cyan (46%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)





- Cyan (51%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4609, 0.2875, 0.4262 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 66.4609, 0.2875, 0.4262 by changing the saturation by 10% instead.


 66.4609, 0.2875,
0.4262


 66.4609, 0.2875,
0.4262

448.0234, 0.3008,
0.3776

 48.6466, 0.2840,
0.4382


 114.1476, 0.2925,
0.4086

 34.3393, 0.2794,
0.4536


 144.7888, 0.2943,
0.4020

 23.1544, 0.2732,
0.4738

 180.4745, 0.2958,
0.3964

 14.7075, 0.2642,
0.5015

221.5890, 0.2971,
0.3916

 8.6144, 0.2506,
0.5417

268.5168, 0.2983,
0.3874

 4.4905, 0.2278,
0.6039

321.6422, 0.2992,

 1.9516, 0.1865,

0.3837

0.8047

381.3496, 0.3001,
0.3805

0.5791, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

66.4609, 0.2875,
0.4262

66.4609, 0.2875,
0.4262

64.3571, 0.2841,
0.4519

69.0598, 0.2920,
0.4017

62.7078, 0.2821,
0.4781


72.1749, 0.2973,
0.3789


61.4792, 0.2817,
0.5036


75.8360, 0.3030,
0.3582

60.6289, 0.2832,
0.5273

80.0682, 0.3089,
0.3397

 60.1044, 0.2862,
0.5480

 84.8950, 0.3149,
0.3233

 59.9650, 0.2874,
0.5547

 87.9004, 0.3136,
0.3097

Harmonies

Analogous

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



66.4609, 0.3522, 0.4516



66.4609, 0.2875, 0.4262



66.4609, 0.2329, 0.3637

Triad

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



66.4609, 0.2875, 0.4262



66.4609, 0.2179, 0.2275



66.4609, 0.4382, 0.3412

Complementary

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



66.4609, 0.2875, 0.4262



36.7055, 0.3537, 0.2495

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.



66.4609, 0.3944, 0.2928



66.4609, 0.2875, 0.4262



66.4609, 0.2635, 0.2303

Square

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



66.4609, 0.2875, 0.4262



66.4609, 0.1966, 0.2487



66.4609, 0.3279, 0.2536



66.4609, 0.4426, 0.3916

Rectangle

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



66.4609, 0.2875, 0.4262



66.4609, 0.2090, 0.3172



66.4609, 0.3279, 0.2536



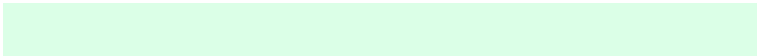
66.4609, 0.4275, 0.3245

Sweetspot

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



66.4636, 0.2875, 0.4262



92.4013, 0.3043, 0.3537



73.2726, 0.3555, 0.4536



19.5536, 0.3031, 0.3579



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.



66.4636, 0.2875, 0.4262



77.4938, 0.2841, 0.4516



68.7624, 0.2604, 0.3540



16.9442, 0.3071, 0.3452



33.3922, 0.2866, 0.5518



2.6393, 0.2788, 0.5238

Inverse Universe

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



36.7055, 0.3537, 0.2495



37.4384, 0.3661, 0.2346



34.6566, 0.4152, 0.3068



15.2242, 0.3188, 0.3133



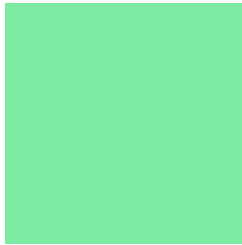
11.2164, 0.4260, 0.2120



0.8984, 0.4077, 0.2020

Previews

White Background



This preview shows how the Yxy color 66.4609, 0.2875, 0.4262 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 66.4609, 0.2875, 0.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

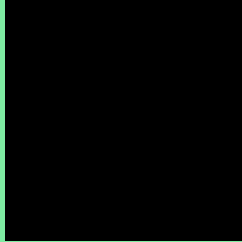
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.4609, 0.2875, 0.4262

Background



This preview shows how black text looks on a background with the Yxy color 66.4609, 0.2875, 0.4262.



This preview shows how white text looks on a background with the Yxy color 66.4609, 0.2875, 0.4262.

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

66.4609, 0.2875, 0.4262

Protanopia

65.3495, 0.3685, 0.3951

Deuteranopia

65.3506, 0.3739, 0.3654



Tritanopia

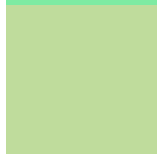
66.3412, 0.2538, 0.3074

Trichromacy



Original Color

66.4609, 0.2875, 0.4262



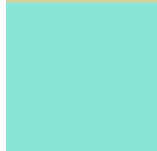
Protanomaly

64.6631, 0.3341, 0.4070



Deuteranomaly

64.0506, 0.3375, 0.3873



Tritanomaly

66.2969, 0.2656, 0.3477

Monochromacy



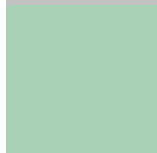
Original Color

66.4609, 0.2875, 0.4262



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

57.4133, 0.3016, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4609, 0.2875, 0.4262 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(126, 235, 162)` looks like.

```
.text, #text, p{  
    color:rgb(126, 235, 162)  
}
```

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(126, 235, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 235, 162) }
```

Border

The CSS property to change the border of an element to Yxy 66.4609, 0.2875, 0.4262 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(126, 235, 162) }
```

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

```
.border{ border-color:rgb(126, 235, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 235, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 235, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 235, 162); box-shadow:4px 4px 4px 4px rgb(126, 235, 162) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4609, 0.2875, 0.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 235, 162) }
```

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

```
.background{ background-color: rgb(126,  
235, 162) }
```

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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