

Converting Colors

$Yxy(60.9805, 0.2810, 0.4409)$

Have a look what the booklet for
Yxy(60.9805, 0.2810, 0.4409)
contains.

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Color

Yxy(61.0073, 0.2808, 0.4406)

Conversions

Conversions Part 1

Format	Color
Hex	65E596
RGB	101, 229, 150
RGB Percent	40%, 90%, 59%
CMY	0.6044, 0.1019, 0.4118
CMYK	0.56, 0.00, 0.35, 0.10
HSL	143°, 71%, 65%
HSV	143°, 56%, 90%
XYZ	38.8807, 61.0073, 38.5761
YIQ	181.7220, -50.9290, -51.7050

Conversions

Conversions Part 2

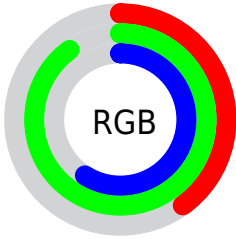
Format	Color
RYB	101, 194, 229
Decimal	6677910
CIELab	82.38, -52.90, 28.11
CIELCh	82, 59.900, 152.017
Yxy	61.0073, 0.2808, 0.4406
Android (android.graphics.Color)	4284867990 (0xFF65E596)
YUV	181.7220, -15.6389, -70.7932
Hunter-Lab	78.1072, -47.8326, 25.3925

Details

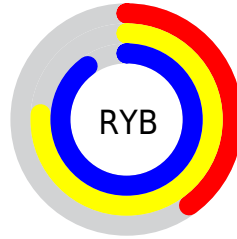
The Yxy color **61.0073, 0.2808, 0.4406** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **29.2374, 0.3740, 0.2420**, and the grayscale version is **46.7123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5048, 0.2851, 0.3873**, and **30.6629, 0.2703, 0.4739** is the 20% darker color. If you saturate the color by 10%, you get **59.4408, 0.2784, 0.4648**, and if you desaturate by 10%, it is **63.0017, 0.2847, 0.4170**.

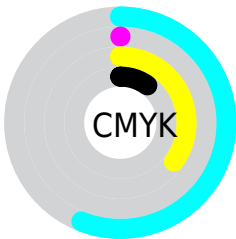
Distribution



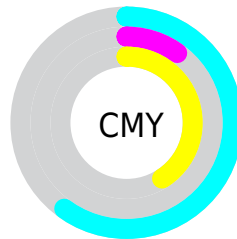
- Red (40%)
- Green (90%)
- Blue (59%)



- Red (40%)
- Yellow (76%)
- Blue (90%)



- Cyan (56%)
- Magenta (0%)
- Yellow (35%)
- Black (10%)




- Cyan (60%)
- Magenta (10%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0073, 0.2808, 0.4406 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 61.0073, 0.2808, 0.4406 by changing the saturation by 10% instead.

 61.0073, 0.2808,
0.4406

 61.0073, 0.2808,
0.4406


428.3008, 0.2979,
0.3837

 44.2311, 0.2762,
0.4550

 106.2895, 0.2873,
0.4197


 30.8522, 0.2701,
0.4736


 135.5643, 0.2896,
0.4119

 20.4863, 0.2617,
0.4985


 169.7740, 0.2916,
0.4054

 12.7490, 0.2496,
0.5331

 209.3030, 0.2933,
0.3998

 7.2560, 0.2307,
0.5839

254.5359, 0.2947,
0.3949

 3.6227, 0.1993,
0.6660

305.8568, 0.2959,

 1.4648, 0.0079,

0.3907

0.9921

363.6503, 0.2970,
0.3870

■ 0.2638, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0073, 0.2808,
0.4406

■ 61.0073, 0.2808,
0.4406

■ 59.4408, 0.2784,
0.4648

■ 63.0017, 0.2847,
0.4170

■ 58.2613, 0.2777,
0.4888


■ 65.4463, 0.2898,
0.3946

■ 57.4325, 0.2789,
0.5116


■ 68.3704, 0.2957,
0.3739


■ 56.9069, 0.2819,
0.5323


■ 71.7988, 0.3021,
0.3550

 56.7488, 0.2833,
0.5400

 75.7546, 0.3087,
0.3381

 80.2593, 0.3154,
0.3232

 84.1390, 0.3178,
0.3097

 84.5280, 0.3139,
0.3039

Harmonies

Analogous

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



61.0073, 0.3538, 0.4702



61.0073, 0.2808, 0.4406



61.0073, 0.2204, 0.3660

Triad

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



61.0073, 0.2808, 0.4406



61.0073, 0.2070, 0.2145



61.0073, 0.4572, 0.3426

Complementary

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



61.0073, 0.2808, 0.4406



29.2374, 0.3740, 0.2420

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.



61.0073, 0.4081, 0.2889



61.0073, 0.2808, 0.4406



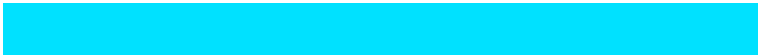
61.0073, 0.2583, 0.2188

Square

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



61.0073, 0.2808, 0.4406



61.0073, 0.1828, 0.2363



61.0073, 0.3317, 0.2453



61.0073, 0.4596, 0.3989

Rectangle

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



61.0073, 0.2808, 0.4406



61.0073, 0.1947, 0.3120



61.0073, 0.3317, 0.2453



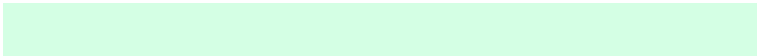
61.0073, 0.4455, 0.3240

Sweetspot

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



61.0098, 0.2808, 0.4406



91.0812, 0.3013, 0.3571



66.9347, 0.3568, 0.4809



19.2978, 0.3000, 0.3608



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.



61.0098, 0.2808, 0.4406



75.6018, 0.2782, 0.4683



63.5581, 0.2501, 0.3513



16.1801, 0.3064, 0.3438



32.4625, 0.2825, 0.5371



2.4166, 0.2743, 0.5076

Inverse Universe

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



29.2374, 0.3740, 0.2420



31.3208, 0.3927, 0.2292



27.2531, 0.4584, 0.3106



14.5167, 0.3196, 0.3146



10.6520, 0.4468, 0.2235



0.8051, 0.4235, 0.2107

Previews

White Background



This preview shows how the Yxy color 61.0073, 0.2808, 0.4406 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 61.0073, 0.2808, 0.4406 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 61.0073, 0.2808, 0.4406

Background



This preview shows how black text looks on a background with the Yxy color 61.0073, 0.2808, 0.4406.



This preview shows how white text looks on a background with the Yxy color 61.0073, 0.2808, 0.4406.

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

61.0073, 0.2808, 0.4406

Protanopia

59.7916, 0.3743, 0.4030

Deuteranopia

59.6760, 0.3779, 0.3700



Tritanopia

60.5589, 0.2462, 0.3063

Trichromacy



Original Color

61.0073, 0.2808, 0.4406



Protanomaly

58.4172, 0.3334, 0.4177



Deuteranomaly

57.6836, 0.3349, 0.3945



Tritanomaly

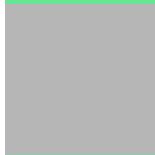
60.3633, 0.2581, 0.3514

Monochromacy



Original Color

61.0073, 0.2808, 0.4406



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

50.5214, 0.2980, 0.3689

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0073, 0.2808, 0.4406 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(101, 229, 150)` looks like.

```
.text, #text, p{  
    color:rgb(101, 229, 150)  
}
```

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(101, 229, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 229, 150) }
```

Border

The CSS property to change the border of an element to Yxy 61.0073, 0.2808, 0.4406 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(101, 229, 150) }
```

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

```
.border{ border-color:rgb(101, 229, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 229, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 229, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 229, 150);  
box-shadow:4px 4px 4px 4px rgb(101, 229,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0073, 0.2808, 0.4406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 229, 150) }
```

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

```
.background{ background-color: rgb(101,  
229, 150) }
```

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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