

Converting Colors

Yxy(61.3417, 0.3197, 0.4769)

Have a look what the booklet for
Yxy(61.3417, 0.3197, 0.4769)
contains.

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Color

Yxy(61.1426, 0.3195, 0.4765)

Conversions

Conversions Part 1

Format	Color
Hex	8BE274
RGB	139, 226, 116
RGB Percent	55%, 89%, 45%
CMY	0.4549, 0.1137, 0.5449
CMYK	0.39, 0.00, 0.49, 0.11
HSL	107°, 65%, 67%
HSV	107°, 49%, 89%
XYZ	40.9970, 61.1426, 26.1765
YIQ	187.4470, -16.5420, -52.6540

Conversions

Conversions Part 2

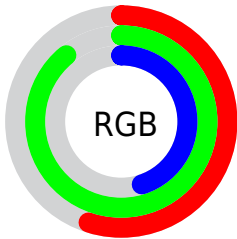
Format	Color
RYB	116, 226, 203
Decimal	9167476
CIELab	82.46, -46.59, 45.39
CIELCh	82, 65.049, 135.750
Yxy	61.1426, 0.3195, 0.4765
Android (android.graphics.Color)	4287357556 (0xFF8BE274)
YUV	187.4470, -35.2234, -42.4880
Hunter-Lab	78.1937, -43.2515, 34.8874

Details

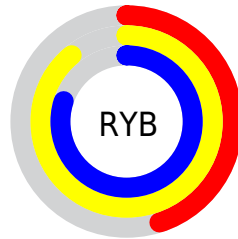
The Yxy color **61.1426, 0.3195, 0.4765** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **30.6967, 0.2958, 0.2035**, and the grayscale version is **50.1721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1580, 0.3238, 0.4241**, and **30.9586, 0.3163, 0.5189** is the 20% darker color. If you saturate the color by 10%, you get **59.2659, 0.3189, 0.5096**, and if you desaturate by 10%, it is **63.4043, 0.3191, 0.4427**.

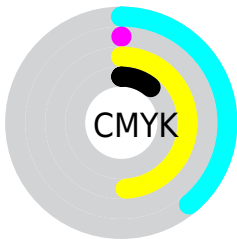
Distribution



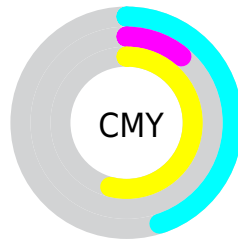
- Red (55%)
- Green (89%)
- Blue (45%)



- Red (45%)
- Yellow (89%)
- Blue (80%)



- Cyan (39%)
- Magenta (0%)
- Yellow (49%)
- Black (11%)




- Cyan (45%)
- Magenta (11%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.1426, 0.3195, 0.4765 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 61.1426, 0.3195, 0.4765 by changing the saturation by 10% instead.


 61.1426, 0.3195,
0.4765

 61.1426, 0.3195,
0.4765


428.7967, 0.3198,
0.4017


 44.3403, 0.3182,
0.4950

 106.4854, 0.3205,
0.4493

 30.9381, 0.3159,
0.5185


 135.7946, 0.3206,
0.4391

 20.5517, 0.3116,
0.5490

 170.0416, 0.3206,
0.4305

 12.7967, 0.3036,
0.5898

209.6107, 0.3205,
0.4230

 7.2887, 0.2881,
0.6464

254.8864, 0.3204,
0.4166

 3.6433, 0.2610,
0.7390

306.2530, 0.3202,

 1.4761, 0.1050,

0.4110

0.8950

364.0950, 0.3200,
0.4061

■ 0.2718, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1426, 0.3195,
0.4765

■ 61.1426, 0.3195,
0.4765

■ 59.2659, 0.3189,
0.5096

■ 63.4043, 0.3191,
0.4427

■ 57.7447, 0.3173,
0.5397


■ 66.0630, 0.3181,
0.4098


■ 56.5576, 0.3147,
0.5647

■ 69.1399, 0.3165,
0.3790

■ 55.6774, 0.3111,
0.5828

■ 72.6521, 0.3145,
0.3509

 55.0689, 0.3072,
0.5935

 76.6161, 0.3124,
0.3258

 55.0032, 0.3068,
0.5946

 81.0472, 0.3103,
0.3036

 82.8750, 0.3140,
0.3009

Harmonies

Analogous

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



61.1426, 0.3964, 0.4738



61.1426, 0.3195, 0.4765



61.1426, 0.2449, 0.4174

Triad

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



61.1426, 0.3195, 0.4765



61.1426, 0.1819, 0.2148



61.1426, 0.4461, 0.3106

Complementary

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



61.1426, 0.3195, 0.4765



30.6967, 0.2958, 0.2035

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.



61.1426, 0.3724, 0.2586



61.1426, 0.3195, 0.4765



61.1426, 0.2207, 0.2055

Square

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



61.1426, 0.3195, 0.4765



61.1426, 0.1722, 0.2544



61.1426, 0.2877, 0.2214



61.1426, 0.4766, 0.3697

Rectangle

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



61.1426, 0.3195, 0.4765



61.1426, 0.2068, 0.3574



61.1426, 0.2877, 0.2214



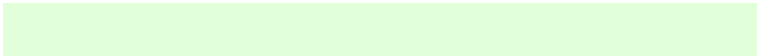
61.1426, 0.4250, 0.2921

Sweetspot

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



61.1452, 0.3195, 0.4765



92.4813, 0.3158, 0.3687



59.7568, 0.3961, 0.4251



19.5917, 0.3162, 0.3748



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.



61.1452, 0.3195, 0.4765



77.9839, 0.3190, 0.5087



60.2239, 0.2894, 0.4392



15.4743, 0.3147, 0.3530



31.4192, 0.3076, 0.5940



2.2161, 0.3178, 0.5859

Inverse Universe

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



30.6967, 0.2958, 0.2035



33.6251, 0.2909, 0.1808



32.6037, 0.3505, 0.2408



13.7837, 0.3105, 0.3057



8.6415, 0.2688, 0.1254



0.6357, 0.2772, 0.1301

Previews

White Background



This preview shows how the Yxy color 61.1426, 0.3195, 0.4765 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 61.1426, 0.3195, 0.4765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

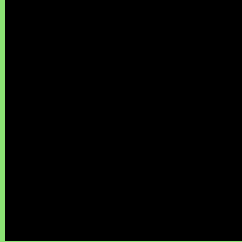
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.1426, 0.3195, 0.4765

Background



This preview shows how black text looks on a background with the Yxy color 61.1426, 0.3195, 0.4765.



This preview shows how white text looks on a background with the Yxy color 61.1426, 0.3195, 0.4765.

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

61.1426, 0.3195, 0.4765

Protanopia

60.2760, 0.3996, 0.4351

Deuteranopia

60.2596, 0.4122, 0.4038



Tritanopia

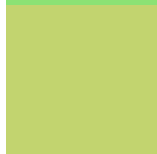
60.6726, 0.2661, 0.3082

Trichromacy



Original Color

61.1426, 0.3195, 0.4765



Protanomaly

59.7040, 0.3676, 0.4511



Deuteranomaly

58.9330, 0.3756, 0.4295



Tritanomaly

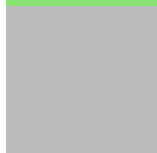
60.4923, 0.2860, 0.3666

Monochromacy



Original Color

61.1426, 0.3195, 0.4765



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.8925, 0.3172, 0.3822

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1426, 0.3195, 0.4765 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(139, 226, 116)` looks like.

```
.text, #text, p{  
    color:rgb(139, 226, 116)  
}
```

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(139, 226, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 226, 116) }
```

Border

The CSS property to change the border of an element to Yxy 61.1426, 0.3195, 0.4765 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(139, 226, 116) }
```

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

```
.border{ border-color:rgb(139, 226, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 226, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 226, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 226, 116);  
box-shadow:4px 4px 4px 4px rgb(139, 226,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1426, 0.3195, 0.4765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 226, 116) }
```

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

```
.background{ background-color: rgb(139,  
226, 116) }
```

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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