

Converting Colors

Yxy(62.0584, 0.2904, 0.4445)

Have a look what the booklet for
Yxy(62.0584, 0.2904, 0.4445)
contains.

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Color

Yxy(61.8269, 0.2902, 0.4440)

Conversions

Conversions Part 1

Format	Color
Hex	74E592
RGB	116, 229, 146
RGB Percent	45%, 90%, 57%
CMY	0.5452, 0.1019, 0.4273
CMYK	0.49, 0.00, 0.36, 0.10
HSL	136°, 68%, 68%
HSV	136°, 49%, 90%
XYZ	40.4103, 61.8269, 37.0126
YIQ	185.7510, -40.7050, -49.7690

Conversions

Conversions Part 2

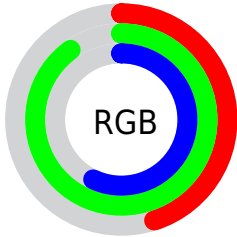
Format	Color
RYB	116, 205, 229
Decimal	7660946
CIELab	82.82, -49.98, 30.80
CIElCh	83, 58.711, 148.358
Yxy	61.8269, 0.2902, 0.4440
Android (android.graphics.Color)	4285851026 (0xFF74E592)
YUV	185.7510, -19.5972, -61.1716
Hunter-Lab	78.6301, -45.8663, 27.1322

Details

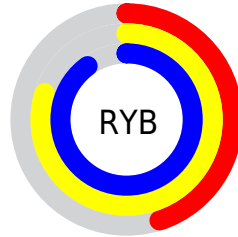
The Yxy color **61.8269, 0.2902, 0.4440** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **33.2664, 0.3491, 0.2377**, and the grayscale version is **49.0852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.7357, 0.2942, 0.3909**, and **31.5256, 0.2814, 0.4774** is the 20% darker color. If you saturate the color by 10%, you get **59.9636, 0.2876, 0.4722**, and if you desaturate by 10%, it is **64.1589, 0.2938, 0.4167**.

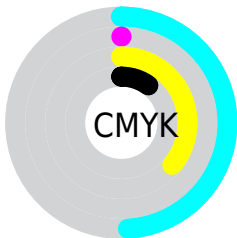
Distribution



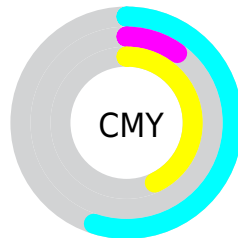
- Red (45%)
- Green (90%)
- Blue (57%)



- Red (45%)
- Yellow (80%)
- Blue (90%)



- Cyan (49%)
- Magenta (0%)
- Yellow (36%)
- Black (10%)





- Cyan (55%)
- Magenta (10%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8269, 0.2902, 0.4440 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 61.8269, 0.2902, 0.4440 by changing the saturation by 10% instead.


 61.8269, 0.2902,
0.4440


 61.8269, 0.2902,
0.4440


431.2994, 0.3030,
0.3855

 44.8928, 0.2866,
0.4588


 107.4753, 0.2952,
0.4226

 31.3730, 0.2817,
0.4777


 136.9585, 0.2969,
0.4146

 20.8831, 0.2748,
0.5029


 171.3934, 0.2984,
0.4079

 13.0386, 0.2645,
0.5378

211.1646, 0.2996,
0.4021

 7.4551, 0.2480,
0.5886

256.6564, 0.3006,
0.3971

 3.7483, 0.2204,
0.6724

308.2532, 0.3015,

 1.5338, 0.0775,

0.3927

0.9225

366.3394, 0.3023,
0.3889

0.3123, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.8269, 0.2902,
0.4440

61.8269, 0.2902,
0.4440

59.9636, 0.2876,
0.4722

64.1589, 0.2938,
0.4167

58.5292, 0.2863,
0.5002


66.9812, 0.2982,
0.3910

57.4895, 0.2866,
0.5264


70.3230, 0.3030,
0.3676

56.8016, 0.2884,
0.5495


74.2091, 0.3080,
0.3465

 56.3984, 0.2913,
0.5684

 78.6626, 0.3130,
0.3279

 56.3771, 0.2915,
0.5695

 83.7054, 0.3180,
0.3115

 84.5212, 0.3139,
0.3039

Harmonies

Analogous

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



61.8269, 0.3618, 0.4664



61.8269, 0.2902, 0.4440



61.8269, 0.2285, 0.3751

Triad

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



61.8269, 0.2902, 0.4440



61.8269, 0.2048, 0.2181



61.8269, 0.4501, 0.3359

Complementary

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



61.8269, 0.2902, 0.4440



33.2664, 0.3491, 0.2377

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.



61.8269, 0.3976, 0.2840



61.8269, 0.2902, 0.4440



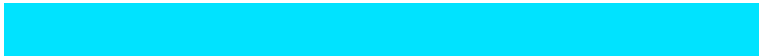
61.8269, 0.2521, 0.2193

Square

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



61.8269, 0.2902, 0.4440



61.8269, 0.1844, 0.2430



61.8269, 0.3219, 0.2428



61.8269, 0.4585, 0.3912

Rectangle

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



61.8269, 0.2902, 0.4440



61.8269, 0.2009, 0.3218



61.8269, 0.3219, 0.2428



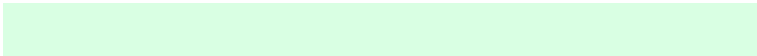
61.8269, 0.4369, 0.3179

Sweetspot

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



61.8295, 0.2902, 0.4440



91.7752, 0.3051, 0.3583



69.6845, 0.3633, 0.4586



19.4244, 0.3041, 0.3629



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.



61.8295, 0.2902, 0.4440



76.5268, 0.2876, 0.4722



63.9582, 0.2617, 0.3660



16.1518, 0.3080, 0.3467



32.2492, 0.2908, 0.5669



2.3982, 0.2829, 0.5383

Inverse Universe

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



33.2664, 0.3491, 0.2377



36.1775, 0.3592, 0.2221



31.1662, 0.4154, 0.2969



14.5464, 0.3178, 0.3119



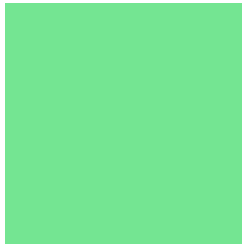
11.1638, 0.4018, 0.1987



0.8401, 0.3873, 0.1907

Previews

White Background



This preview shows how the Yxy color 61.8269, 0.2902, 0.4440 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 61.8269, 0.2902, 0.4440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

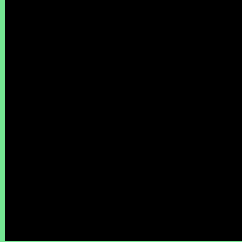
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8269, 0.2902, 0.4440

Background



This preview shows how black text looks on a background with the Yxy color 61.8269, 0.2902, 0.4440.



This preview shows how white text looks on a background with the Yxy color 61.8269, 0.2902, 0.4440.

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

61.8269, 0.2902, 0.4440

Protanopia

60.9698, 0.3774, 0.4079

Deuteranopia

60.4805, 0.3841, 0.3761



Tritanopia

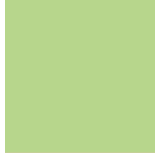
61.6022, 0.2524, 0.3067

Trichromacy



Original Color

61.8269, 0.2902, 0.4440



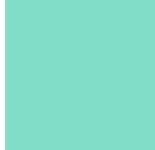
Protanomaly

60.0539, 0.3397, 0.4223



Deuteranomaly

59.0495, 0.3447, 0.4005



Tritanomaly

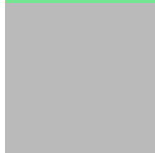
61.3002, 0.2660, 0.3537

Monochromacy



Original Color

61.8269, 0.2902, 0.4440



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

52.7584, 0.3032, 0.3706

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8269, 0.2902, 0.4440 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(116, 229, 146)` looks like.

```
.text, #text, p{  
    color:rgb(116, 229, 146)  
}
```

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(116, 229, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 229, 146) }
```

Border

The CSS property to change the border of an element to Yxy 61.8269, 0.2902, 0.4440 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(116, 229, 146) }
```

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

```
.border{ border-color:rgb(116, 229, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 229, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 229, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 229, 146);  
box-shadow:4px 4px 4px 4px rgb(116, 229,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8269, 0.2902, 0.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 229, 146) }
```

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

```
.background{ background-color: rgb(116,  
229, 146) }
```

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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