

Converting Colors

Yxy(66.2418, 0.3558, 0.4441)

Have a look what the booklet for
Yxy(66.2418, 0.3558, 0.4441)
contains.

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Color

Yxy(66.0175, 0.3560, 0.4442)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C4DF7E |
| RGB | 196, 223, 126 |
| RGB Percent | 77%, 87%, 49% |
| CMY | 0.2316, 0.1254, 0.5059 |
| CMYK | 0.12, 0.00, 0.43, 0.13 |
| HSL | 77°, 60%, 68% |
| HSV | 77°, 43%, 87% |
| XYZ | 52.9091, 66.0175, 29.6945 |
| YIQ | 203.8690, 15.0450, -35.8910 |

Conversions

Conversions Part 2

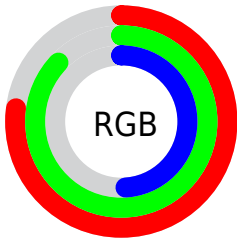
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 126, 223, 153 |
| Decimal | 12902270 |
| CIELab | 85.01, -24.06, 44.45 |
| CIElCh | 85, 50.542, 118.426 |
| Yxy | 66.0175, 0.3560, 0.4442 |
| Android (android.graphics.Color) | 4291092350 (0xFFC4DF7E) |
| YUV | 203.8690, -38.3894, -6.9011 |
| Hunter-Lab | 81.2512, -25.9539, 35.2074 |

Details

The Yxy color **66.0175, 0.3560, 0.4442** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **27.0321, 0.2528, 0.2014**, and the grayscale version is **60.5333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8861, 0.3566, 0.4029**, and **34.1624, 0.3638, 0.4740** is the 20% darker color. If you saturate the color by 10%, you get **64.6904, 0.3637, 0.4701**, and if you desaturate by 10%, it is **67.5134, 0.3469, 0.4170**.

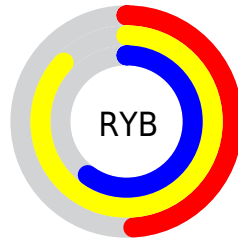
Distribution



Red (77%)

Green (87%)

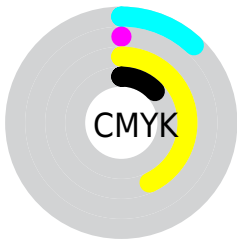
Blue (49%)



Red (49%)

Yellow (87%)

Blue (60%)

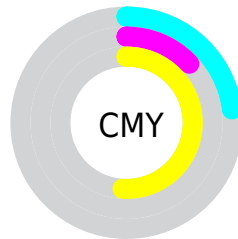


Cyan (12%)

Magenta (0%)

Yellow (43%)

Black (13%)



Cyan (23%)


Magenta (13%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0175, 0.3560, 0.4442 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 66.0175, 0.3560, 0.4442 by changing the saturation by 10% instead.


 66.0175, 0.3560,
0.4442

 66.0175, 0.3560,
0.4442


446.4395, 0.3378,
0.3885


 48.2866, 0.3594,
0.4573

 113.5115, 0.3502,
0.4245

 34.0539, 0.3632,
0.4734


 144.0433, 0.3478,
0.4170

 22.9350, 0.3672,
0.4939


 179.6109, 0.3456,
0.4105

 14.5455, 0.3708,
0.5202

220.5987, 0.3437,
0.4049

 8.5011, 0.3723,
0.5546

267.3911, 0.3420,
0.4000

 4.4172, 0.3799,
0.6201

320.3724, 0.3404,

 1.9096, 0.3438,

0.3957

0.6562

379.9271, 0.3390,
0.3919

0.5541, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

66.0175, 0.3560,
0.4442

66.0175, 0.3560,
0.4442

64.6904, 0.3637,
0.4701

67.5134, 0.3469,
0.4170

63.5143, 0.3695,
0.4936

69.1776, 0.3370,
0.3896

62.4819, 0.3729,
0.5135


71.0205, 0.3267,
0.3629

61.5817, 0.3739,
0.5289


73.0494, 0.3163,
0.3375


 60.7997, 0.3722,
0.5394


 75.2707, 0.3062,
0.3138

 60.3402, 0.3702,
0.5442

 77.3767, 0.2995,
0.2965

 78.4442, 0.3036,
0.2969

 79.5491, 0.3078,
0.2974

 80.6917, 0.3121,
0.2978

Harmonies

Analogous

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



66.0175, 0.4085, 0.4257



66.0175, 0.3560, 0.4442



66.0175, 0.2947, 0.4238

Triad

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



66.0175, 0.3560, 0.4442



66.0175, 0.2019, 0.2564



66.0175, 0.3845, 0.2910

Complementary

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



66.0175, 0.3560, 0.4442



27.0321, 0.2528, 0.2014

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.



66.0175, 0.3213, 0.2547



66.0175, 0.3560, 0.4442



66.0175, 0.2200, 0.2337

Square

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



66.0175, 0.3560, 0.4442



66.0175, 0.2089, 0.3036



66.0175, 0.2616, 0.2342



66.0175, 0.4285, 0.3368

Rectangle

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



66.0175, 0.3560, 0.4442



66.0175, 0.2573, 0.3889



66.0175, 0.2616, 0.2342



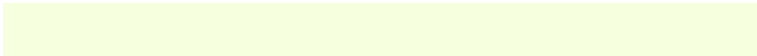
66.0175, 0.3644, 0.2775

Sweetspot

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



66.0204, 0.3560, 0.4442



96.3336, 0.3262, 0.3619



39.6140, 0.4128, 0.3601



20.4954, 0.3286, 0.3677



0.0000, 0.0000, 0.0000



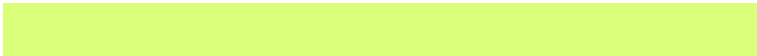
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.0204, 0.3560, 0.4442



87.8408, 0.3629, 0.4674



60.6475, 0.3210, 0.4583



15.8273, 0.3224, 0.3525



35.5320, 0.3710, 0.5436



2.5070, 0.3787, 0.5375

Inverse Universe

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



27.0321, 0.2528, 0.2014



28.6492, 0.2374, 0.1724



32.5845, 0.2960, 0.2157



13.4275, 0.3024, 0.3051



3.7879, 0.1680, 0.0699



0.3067, 0.1842, 0.0788

Previews

White Background



This preview shows how the Yxy color 66.0175, 0.3560, 0.4442 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 66.0175, 0.3560, 0.4442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

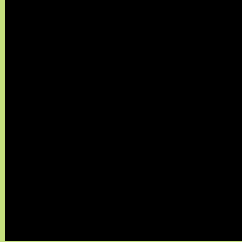
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0175, 0.3560, 0.4442

Background



This preview shows how black text looks on a background with the Yxy color 66.0175, 0.3560, 0.4442.



This preview shows how white text looks on a background with the Yxy color 66.0175, 0.3560, 0.4442.

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

66.0175, 0.3560, 0.4442

Protanopia

65.6479, 0.3921, 0.4266

Deuteranopia

65.6931, 0.4072, 0.3998



Tritanopia

65.7453, 0.2999, 0.3100

Trichromacy



Original Color

66.0175, 0.3560, 0.4442

Protanomaly

65.6019, 0.3789, 0.4335

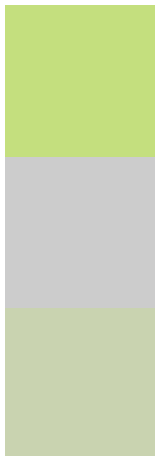
Deuteranomaly

65.2243, 0.3887, 0.4151

Tritanomaly

65.1998, 0.3210, 0.3571

Monochromacy



Original Color

66.0175, 0.3560, 0.4442

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

62.1406, 0.3296, 0.3710

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0175, 0.3560, 0.4442 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(196, 223, 126)` looks like.

```
.text, #text, p{  
    color:rgb(196, 223, 126)  
}
```

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(196, 223, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 223, 126) }
```

Border

The CSS property to change the border of an element to Yxy 66.0175, 0.3560, 0.4442 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(196, 223, 126) }
```

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

```
.border{ border-color:rgb(196, 223, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 223, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 223, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 223, 126);  
box-shadow:4px 4px 4px 4px rgb(196, 223,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0175, 0.3560, 0.4442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 223, 126) }
```

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

```
.background{ background-color: rgb(196,  
223, 126) }
```

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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