

Converting Colors

$Yxy(63.0154, 0.3561, 0.4425)$

Have a look what the booklet for
Yxy(63.0154, 0.3561, 0.4425)
contains.

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Color

Yxy(62.9355, 0.3566, 0.4426)

Conversions

Conversions Part 1

Format	Color
Hex	C1DA7C
RGB	193, 218, 124
RGB Percent	76%, 85%, 49%
CMY	0.2431, 0.1451, 0.5136
CMYK	0.11, 0.00, 0.43, 0.15
HSL	76°, 56%, 67%
HSV	76°, 43%, 85%
XYZ	50.7067, 62.9355, 28.5528
YIQ	199.8090, 15.2740, -34.5340

Conversions

Conversions Part 2

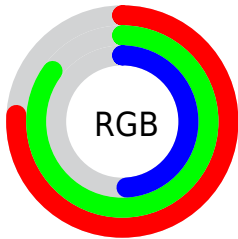
Format	Color
RYB	124, 218, 149
Decimal	12704380
CIELab	83.41, -22.96, 43.38
CIElCh	83, 49.083, 117.896
Yxy	62.9355, 0.3566, 0.4426
Android (android.graphics.Color)	4290894460 (0xFFC1DA7C)
YUV	199.8090, -37.3738, -5.9715
Hunter-Lab	79.3319, -24.7386, 34.1930

Details

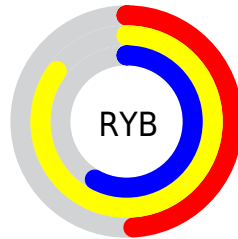
The Yxy color **62.9355, 0.3566, 0.4426** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **25.8749, 0.2525, 0.2025**, and the grayscale version is **57.8672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2436, 0.3558, 0.4054**, and **32.0787, 0.3642, 0.4714** is the 20% darker color. If you saturate the color by 10%, you get **61.6993, 0.3646, 0.4684**, and if you desaturate by 10%, it is **64.3291, 0.3473, 0.4156**.

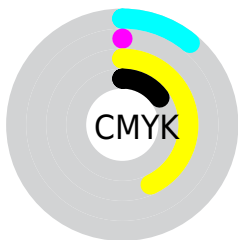
Distribution



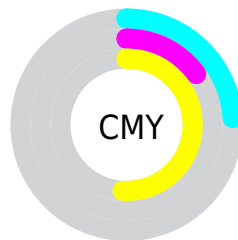
- Red (76%)
- Green (85%)
- Blue (49%)



- Red (49%)
- Yellow (85%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (43%)
- Black (15%)





- Cyan (24%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.9355, 0.3566, 0.4426 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 62.9355, 0.3566, 0.4426 by changing the saturation by 10% instead.


 62.9355, 0.3566,
0.4426

 62.9355, 0.3566,
0.4426


435.3354, 0.3378,
0.3872

 45.7890, 0.3602,
0.4557

 109.0765, 0.3506,
0.4230

 32.0794, 0.3642,
0.4720


 138.8397, 0.3481,
0.4154

 21.4221, 0.3684,
0.4926


 173.5774, 0.3459,
0.4090

 13.4329, 0.3723,
0.5193

213.6738, 0.3439,
0.4035

 7.7273, 0.3742,
0.5544

259.5135, 0.3421,
0.3986

 3.9210, 0.3807,
0.6193

311.4807, 0.3406,

 1.6295, 0.3429,

0.3944

0.6571

369.9598, 0.3391,
0.3906

0.3773, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.9355, 0.3566,
0.4426

62.9355, 0.3566,
0.4426

61.6993, 0.3646,
0.4684

64.3291, 0.3473,
0.4156

60.6036, 0.3707,
0.4917


65.8793, 0.3371,
0.3884


59.6418, 0.3745,
0.5115


67.5962, 0.3265,
0.3618


58.8030, 0.3758,
0.5268

69.4863, 0.3160,
0.3365

 58.0741, 0.3745,
0.5373

 71.5559, 0.3057,
0.3129

 57.6209, 0.3726,
0.5424

 73.8109, 0.2958,
0.2911

 74.7846, 0.2996,
0.2913

 75.7793, 0.3036,
0.2918

 76.8063, 0.3076,
0.2922

Harmonies

Analogous

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



62.9355, 0.4081, 0.4240



62.9355, 0.3566, 0.4426



62.9355, 0.2961, 0.4231

Triad

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



62.9355, 0.3566, 0.4426



62.9355, 0.2031, 0.2580



62.9355, 0.3826, 0.2908

Complementary

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



62.9355, 0.3566, 0.4426



25.8749, 0.2525, 0.2025

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.



62.9355, 0.3201, 0.2551



62.9355, 0.3566, 0.4426



62.9355, 0.2206, 0.2350

Square

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



62.9355, 0.3566, 0.4426



62.9355, 0.2105, 0.3051



62.9355, 0.2613, 0.2351



62.9355, 0.4265, 0.3360

Rectangle

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



62.9355, 0.3566, 0.4426



62.9355, 0.2590, 0.3891



62.9355, 0.2613, 0.2351



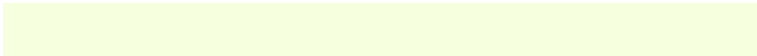
62.9355, 0.3626, 0.2775

Sweetspot

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



62.9383, 0.3566, 0.4426



96.4127, 0.3265, 0.3619



37.3913, 0.4122, 0.3579



20.5151, 0.3289, 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.



62.9383, 0.3566, 0.4426



88.1119, 0.3641, 0.4668



57.8497, 0.3221, 0.4563



15.0807, 0.3226, 0.3524



34.5763, 0.3733, 0.5418



2.2812, 0.3811, 0.5356

Inverse Universe

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



25.8749, 0.2525, 0.2025



28.4711, 0.2360, 0.1719



31.0210, 0.2947, 0.2164



12.7837, 0.3022, 0.3051



3.6157, 0.1666, 0.0691



0.2761, 0.1837, 0.0785

Previews

White Background



This preview shows how the Yxy color 62.9355, 0.3566, 0.4426 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 62.9355, 0.3566, 0.4426 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 62.9355, 0.3566, 0.4426

Background



This preview shows how black text looks on a background with the Yxy color 62.9355, 0.3566, 0.4426.



This preview shows how white text looks on a background with the Yxy color 62.9355, 0.3566, 0.4426.

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

62.9355, 0.3566, 0.4426

Protanopia

62.7987, 0.3913, 0.4264

Deuteranopia

62.4824, 0.4102, 0.4008



Tritanopia

63.0752, 0.3010, 0.3108

Trichromacy



Original Color

62.9355, 0.3566, 0.4426

Protanomaly

62.9145, 0.3787, 0.4331

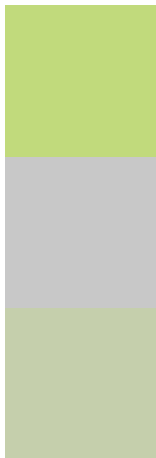
Deuteranomaly

62.0179, 0.3905, 0.4154

Tritanomaly

62.5939, 0.3219, 0.3575

Monochromacy



Original Color

62.9355, 0.3566, 0.4426

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

59.4745, 0.3299, 0.3717

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9355, 0.3566, 0.4426 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(193, 218, 124)` looks like.

```
.text, #text, p{  
    color:rgb(193, 218, 124)  
}
```

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(193, 218, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 218, 124) }
```

Border

The CSS property to change the border of an element to Yxy 62.9355, 0.3566, 0.4426 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(193, 218, 124) }
```

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

```
.border{ border-color:rgb(193, 218, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 218, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 218, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 218, 124);  
box-shadow:4px 4px 4px 4px rgb(193, 218,  
124) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.9355, 0.3566, 0.4426$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 218, 124) }
```

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

```
.background{ background-color: rgb(193,  
218, 124) }
```

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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