

Converting Colors

$Yxy(66.7315, 0.3622, 0.4260)$

Have a look what the booklet for
Yxy(66.7315, 0.3622, 0.4260)
contains.

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Color

Yxy(66.6656, 0.3619, 0.4261)

Conversions

Conversions Part 1

Format	Color
Hex	D2DC88
RGB	210, 220, 136
RGB Percent	82%, 86%, 53%
CMY	0.1763, 0.1373, 0.4667
CMYK	0.05, 0.00, 0.38, 0.14
HSL	67°, 55%, 70%
HSV	67°, 38%, 86%
XYZ	56.6212, 66.6656, 33.1685
YIQ	207.4340, 21.0040, -28.2440

Conversions

Conversions Part 2

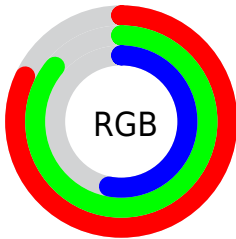
Format	Color
RYB	136, 220, 146
Decimal	13819016
CIELab	85.33, -16.08, 40.14
CIELCh	85, 43.244, 111.826
Yxy	66.6656, 0.3619, 0.4261
Android (android.graphics.Color)	4292009096 (0xFFD2DC88)
YUV	207.4340, -35.2170, 2.2504
Hunter-Lab	81.6490, -19.1013, 33.0687

Details

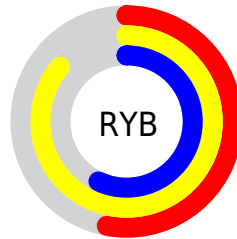
The Yxy color **66.6656, 0.3619, 0.4261** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.8767, 0.2506, 0.2156**, and the grayscale version is **62.9165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **34.4362, 0.3710, 0.4496** is the 20% darker color. If you saturate the color by 10%, you get **65.7261, 0.3733, 0.4504**, and if you desaturate by 10%, it is **67.7458, 0.3494, 0.4005**.

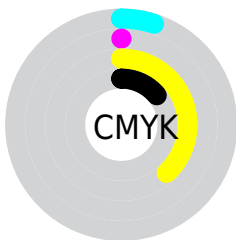
Distribution



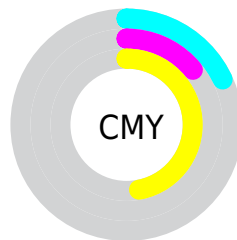
- Red (82%)
- Green (86%)
- Blue (53%)



- Red (53%)
- Yellow (86%)
- Blue (57%)



- Cyan (5%)
- Magenta (0%)
- Yellow (38%)
- Black (14%)





- Cyan (18%)
- Magenta (14%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6656, 0.3619, 0.4261 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 66.6656, 0.3619, 0.4261 by changing the saturation by 10% instead.


 66.6656, 0.3619,
0.4261


 66.6656, 0.3619,
0.4261


448.7535, 0.3402,
0.3797

 48.8129, 0.3664,
0.4369


 114.4411, 0.3547,
0.4098

 34.4711, 0.3716,
0.4501

 145.1327, 0.3518,
0.4035

 23.2557, 0.3777,
0.4669


 180.8728, 0.3492,
0.3981

 14.7825, 0.3846,
0.4884


222.0457, 0.3470,
0.3935

 8.6669, 0.3916,
0.5166

269.0358, 0.3450,
0.3894

 4.5245, 0.4043,
0.5649

322.2276, 0.3432,

 1.9711, 0.3939,

0.3858

0.6061

382.0054, 0.3416,
0.3826

■ 0.5906, 0.2224,
0.7776

■ 0.0000, 0.0000,
0.0000

■ 66.6656, 0.3619,
0.4261

■ 66.6656, 0.3619,
0.4261

■ 65.7261, 0.3733,
0.4504

■ 67.7458, 0.3494,
0.4005

■ 64.9102, 0.3831,
0.4723


■ 68.9648, 0.3364,
0.3746

■ 64.2122, 0.3907,
0.4909


■ 70.3325, 0.3232,
0.3491

■ 63.6220, 0.3958,
0.5053


■ 71.8550, 0.3104,
0.3247

 63.1280, 0.3983,
0.5153

 73.5384, 0.2982,
0.3017


 62.7130, 0.3985,
0.5210

 74.5236, 0.2944,
0.2929

 62.6417, 0.3984,
0.5219

 74.9479, 0.2961,
0.2930

 75.3787, 0.2979,
0.2932

 75.8159, 0.2996,
0.2934

Harmonies

Analogous

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



66.6656, 0.4030, 0.4065



66.6656, 0.3619, 0.4261



66.6656, 0.3097, 0.4154

Triad

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



66.6656, 0.3619, 0.4261



66.6656, 0.2159, 0.2745



66.6656, 0.3630, 0.2885

Complementary

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



66.6656, 0.3619, 0.4261



28.8767, 0.2506, 0.2156

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.



66.6656, 0.3084, 0.2591



66.6656, 0.3619, 0.4261



66.6656, 0.2270, 0.2492

Square

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



66.6656, 0.3619, 0.4261



66.6656, 0.2274, 0.3195



66.6656, 0.2594, 0.2448



66.6656, 0.4054, 0.3276

Rectangle

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



66.6656, 0.3619, 0.4261



66.6656, 0.2758, 0.3903



66.6656, 0.2594, 0.2448



66.6656, 0.3452, 0.2773

Sweetspot

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



66.6686, 0.3619, 0.4261



97.6977, 0.3270, 0.3564



37.4836, 0.4023, 0.3411



20.8545, 0.3288, 0.3599



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.



66.6686, 0.3619, 0.4261



92.0624, 0.3714, 0.4461



61.3077, 0.3297, 0.4372



15.1814, 0.3249, 0.3522



36.7968, 0.3987, 0.5216



2.4065, 0.4023, 0.5188

Inverse Universe

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



28.8767, 0.2506, 0.2156



31.9491, 0.2343, 0.1873



33.4354, 0.2870, 0.2263



12.6908, 0.2999, 0.3049



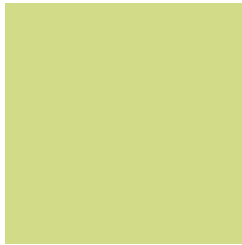
3.1874, 0.1545, 0.0625



0.2316, 0.1655, 0.0685

Previews

White Background



This preview shows how the Yxy color 66.6656, 0.3619, 0.4261 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 66.6656, 0.3619, 0.4261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

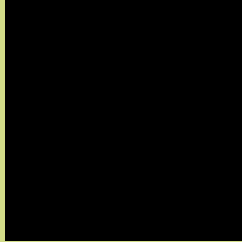
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.6656, 0.3619, 0.4261

Background



This preview shows how black text looks on a background with the Yxy color 66.6656, 0.3619, 0.4261.



This preview shows how white text looks on a background with the Yxy color 66.6656, 0.3619, 0.4261.

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

66.6656, 0.3619, 0.4261

Protanopia

66.4378, 0.3843, 0.4165

Deuteranopia

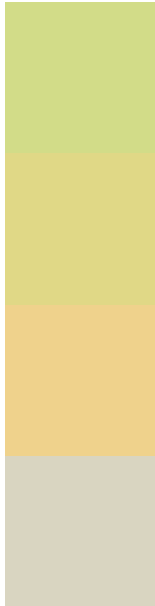
66.3987, 0.4008, 0.3930



Tritanopia

66.4641, 0.3099, 0.3104

Trichromacy



Original Color

66.6656, 0.3619, 0.4261

Protanomaly

66.6803, 0.3759, 0.4205

Deuteranomaly

66.3374, 0.3865, 0.4045

Tritanomaly

66.1905, 0.3297, 0.3517

Monochromacy



Original Color

66.6656, 0.3619, 0.4261

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.8331, 0.3314, 0.3654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6656, 0.3619, 0.4261 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(210, 220, 136)` looks like.

```
.text, #text, p{  
    color:rgb(210, 220, 136)  
}
```

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(210, 220, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 220, 136) }
```

Border

The CSS property to change the border of an element to Yxy 66.6656, 0.3619, 0.4261 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(210, 220, 136) }
```

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

```
.border{ border-color:rgb(210, 220, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 220, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 220, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 220, 136);  
box-shadow:4px 4px 4px 4px rgb(210, 220,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6656, 0.3619, 0.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 220, 136) }
```

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

```
.background{ background-color: rgb(210,  
220, 136) }
```

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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