

Converting Colors

$Yxy(66.0070, 0.3424, 0.3919)$

Have a look what the booklet for
Yxy(66.0070, 0.3424, 0.3919)
contains.

Yxy(66.2330, 0.3422, 0.3922)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(66.2330, 0.3422, 0.3922)

Conversions

Conversions Part 1

Format	Color
Hex	D0DAA4
RGB	208, 218, 164
RGB Percent	82%, 85%, 64%
CMY	0.1842, 0.1451, 0.3569
CMYK	0.05, 0.00, 0.25, 0.15
HSL	71°, 42%, 75%
HSV	71°, 25%, 85%
XYZ	57.7892, 66.2330, 44.8534
YIQ	208.8540, 11.3740, -18.9140

Conversions

Conversions Part 2

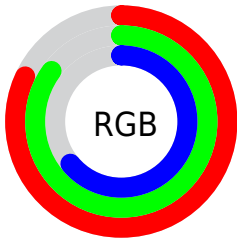
Format	Color
RYB	164, 218, 174
Decimal	13687460
CIELab	85.12, -12.26, 25.52
CIELCh	85, 28.314, 115.652
Yxy	66.2330, 0.3422, 0.3922
Android (android.graphics.Color)	4291877540 (0xFFD0DAA4)
YUV	208.8540, -22.1130, -0.7490
Hunter-Lab	81.3837, -15.6714, 24.2918

Details

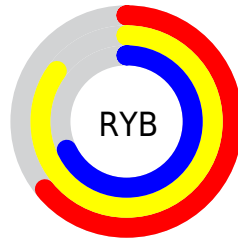
The Yxy color **66.2330, 0.3422, 0.3922** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6021, 0.2783, 0.2605**, and the grayscale version is **63.8051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **34.1365, 0.3485, 0.4080** is the 20% darker color. If you saturate the color by 10%, you get **64.9386, 0.3537, 0.4186**, and if you desaturate by 10%, it is **67.6831, 0.3303, 0.3660**.

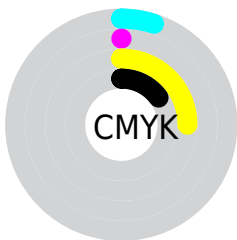
Distribution



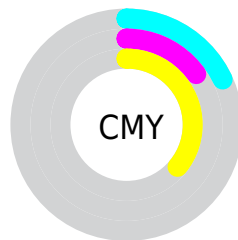
- Red (82%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (68%)



- Cyan (5%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)





- Cyan (18%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2330, 0.3422, 0.3922 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 66.2330, 0.3422, 0.3922 by changing the saturation by 10% instead.


 66.2330, 0.3422,
0.3922

 66.2330, 0.3422,
0.3922


447.2097, 0.3288,
0.3618

 48.4616, 0.3452,
0.3994


 113.8207, 0.3376,
0.3815

 34.1926, 0.3487,
0.4084


 144.4057, 0.3358,
0.3773

 23.0416, 0.3531,
0.4199

180.0308, 0.3343,
0.3738

 14.6242, 0.3586,
0.4352

221.0802, 0.3329,
0.3708

 8.5561, 0.3654,
0.4564

267.9384, 0.3317,
0.3681

 4.4528, 0.3736,
0.4873

320.9898, 0.3306,

 1.9299, 0.4115,

0.3658

0.5772

380.6188, 0.3297,
0.3637

0.5663, 0.2968,
0.7032

0.0000, 0.0000,
0.0000

66.2330, 0.3422,
0.3922

66.2330, 0.3422,
0.3922

64.9386, 0.3537,
0.4186

67.6831, 0.3303,
0.3660

63.7841, 0.3644,
0.4444

69.2865, 0.3183,
0.3406

62.7647, 0.3736,
0.4684


71.0524, 0.3067,
0.3167

61.8723, 0.3808,
0.4896

72.9864, 0.2956,
0.2944

 61.0972, 0.3856,
0.5069


 73.8807, 0.2960,
0.2909

 60.4286, 0.3878,
0.5198

 74.5472, 0.2987,
0.2912

 59.8532, 0.3875,
0.5281

 75.2292, 0.3014,
0.2915

 59.5780, 0.3867,
0.5312

 75.9266, 0.3042,
0.2919

 76.6397, 0.3069,
0.2922

Harmonies

Analogous

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



66.2330, 0.3702, 0.3838



66.2330, 0.3422, 0.3922



66.2330, 0.3073, 0.3814

Triad

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



66.2330, 0.3422, 0.3922



66.2330, 0.2472, 0.2909



66.2330, 0.3501, 0.3052

Complementary

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



66.2330, 0.3422, 0.3922



40.6021, 0.2783, 0.2605

Split Complementary

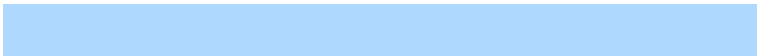
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.2330, 0.3151, 0.2834



66.2330, 0.3422, 0.3922



66.2330, 0.2570, 0.2744

Square

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



66.2330, 0.3422, 0.3922



66.2330, 0.2535, 0.3197



66.2330, 0.2812, 0.2722



66.2330, 0.3755, 0.3331

Rectangle

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



66.2330, 0.3422, 0.3922



66.2330, 0.2849, 0.3643



66.2330, 0.2812, 0.2722



66.2330, 0.3390, 0.2970

Sweetspot

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



66.2359, 0.3422, 0.3922



98.2835, 0.3210, 0.3463



47.8144, 0.3618, 0.3410



21.0062, 0.3218, 0.3478



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.



66.2359, 0.3422, 0.3922



93.4336, 0.3486, 0.4067



62.6568, 0.3218, 0.3965



15.1360, 0.3239, 0.3523



35.7376, 0.3872, 0.5308



2.3474, 0.3927, 0.5264

Inverse Universe

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



40.6021, 0.2783, 0.2605



50.5481, 0.2692, 0.2431



44.0112, 0.3008, 0.2648



12.7322, 0.3009, 0.3050



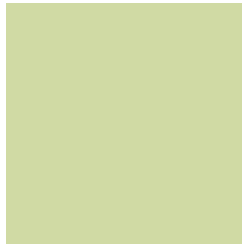
3.3399, 0.1589, 0.0649



0.2511, 0.1736, 0.0730

Previews

White Background



This preview shows how the Yxy color 66.2330, 0.3422, 0.3922 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 66.2330, 0.3422, 0.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

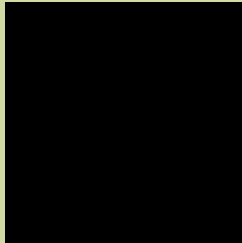
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

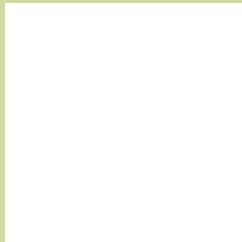
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2330, 0.3422, 0.3922

Background



This preview shows how black text looks on a background with the Yxy color 66.2330, 0.3422, 0.3922.



This preview shows how white text looks on a background with the Yxy color 66.2330, 0.3422, 0.3922.

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

66.2330, 0.3422, 0.3922

Protanopia

65.9911, 0.3609, 0.3862

Deuteranopia

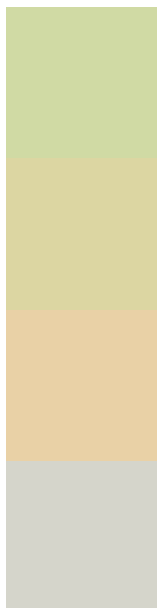
65.9322, 0.3760, 0.3684



Tritanopia

66.1831, 0.3062, 0.3113

Trichromacy



Original Color

66.2330, 0.3422, 0.3922

Protanomaly

65.9174, 0.3540, 0.3883

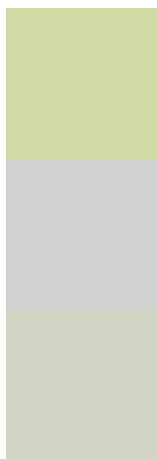
Deuteranomaly

65.6777, 0.3629, 0.3766

Tritanomaly

66.0464, 0.3196, 0.3404

Monochromacy



Original Color

66.2330, 0.3422, 0.3922

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.4925, 0.3237, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2330, 0.3422, 0.3922 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(208, 218, 164)` looks like.

```
.text, #text, p{  
    color:rgb(208, 218, 164)  
}
```

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(208, 218, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 218, 164) }
```

Border

The CSS property to change the border of an element to Yxy 66.2330, 0.3422, 0.3922 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(208, 218, 164) }
```

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

```
.border{ border-color:rgb(208, 218, 164) }
```

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

Here you see how a box with a 4 pixel rgb(208, 218, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 218, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 218, 164);  
box-shadow:4px 4px 4px 4px rgb(208, 218,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2330, 0.3422, 0.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 218, 164) }
```

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

```
.background{ background-color: rgb(208,  
218, 164) }
```

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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