

Converting Colors

$Yxy(65.8395, 0.3470, 0.4123)$

Have a look what the booklet for
Yxy(65.8395, 0.3470, 0.4123)
contains.

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Color

Yxy(65.9450, 0.3465, 0.4120)

Conversions

Conversions Part 1

Format	Color
Hex	CADC96
RGB	202, 220, 150
RGB Percent	79%, 86%, 59%
CMY	0.2077, 0.1373, 0.4118
CMYK	0.08, 0.00, 0.32, 0.14
HSL	75°, 50%, 73%
HSV	75°, 32%, 86%
XYZ	55.4610, 65.9450, 38.6547
YIQ	206.6380, 11.7420, -25.5860

Conversions

Conversions Part 2

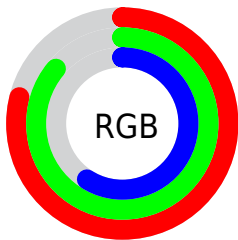
Format	Color
RYB	150, 220, 168
Decimal	13294742
CIELab	84.97, -17.39, 32.47
CIELCh	85, 36.832, 118.175
Yxy	65.9450, 0.3465, 0.4120
Android (android.graphics.Color)	4291484822 (0xFFCAD96)
YUV	206.6380, -27.9225, -4.0675
Hunter-Lab	81.2065, -20.2026, 28.6223

Details

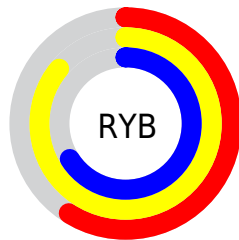
The Yxy color $65.9450, 0.3465, 0.4120$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $35.2967, 0.2706, 0.2390$, and the grayscale version is $62.3332, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1878, 0.3424, 0.3780$, and $33.9952, 0.3535, 0.4339$ is the 20% darker color. If you saturate the color by 10%, you get $64.5311, 0.3561, 0.4390$, and if you desaturate by 10%, it is $67.5266, 0.3361, 0.3849$.

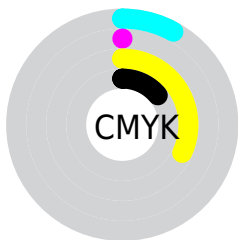
Distribution



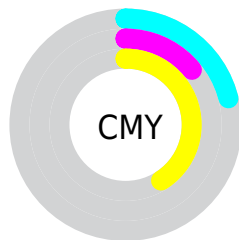
- Red (79%)
- Green (86%)
- Blue (59%)



- Red (59%)
- Yellow (86%)
- Blue (66%)



- Cyan (8%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)



- Cyan (21%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9450, 0.3465, 0.4120 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 65.9450, 0.3465, 0.4120 by changing the saturation by 10% instead.

 65.9450, 0.3465,
0.4120


 65.9450, 0.3465,
0.4120


446.1802, 0.3315,
0.3719

 48.2278, 0.3496,
0.4215


 113.4074, 0.3415,
0.3978

 34.0073, 0.3534,
0.4334


 143.9213, 0.3395,
0.3923

 22.8992, 0.3577,
0.4486


179.4696, 0.3377,
0.3877

 14.5191, 0.3628,
0.4687

220.4366, 0.3362,
0.3837

 8.4826, 0.3683,
0.4963

267.2068, 0.3348,
0.3802

 4.4053, 0.3735,
0.5364

320.1645, 0.3336,

 1.9027, 0.3847,

0.3771

0.6153

379.6942, 0.3325,
0.3743

0.5500, 0.1515,
0.8485

0.0000, 0.0000,
0.0000

65.9450, 0.3465,
0.4120

65.9450, 0.3465,
0.4120

64.5311, 0.3561,
0.4390

67.5266, 0.3361,
0.3849

63.2684, 0.3645,
0.4648


69.2743, 0.3253,
0.3585

62.1513, 0.3711,
0.4884


71.1978, 0.3146,
0.3334


61.1703, 0.3753,
0.5084


73.3033, 0.3043,
0.3100


 60.3145, 0.3771,
0.5242


 75.2712, 0.2974,
0.2932


 59.5711, 0.3763,
0.5351

 76.2219, 0.3012,
0.2936

 59.0290, 0.3741,
0.5412

 77.2031, 0.3051,
0.2940

 78.2151, 0.3089,
0.2944

 79.2582, 0.3128,
0.2948

Harmonies

Analogous

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



65.9450, 0.3845, 0.4013



65.9450, 0.3465, 0.4120



65.9450, 0.3011, 0.3963

Triad

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



65.9450, 0.3465, 0.4120



65.9450, 0.2292, 0.2765



65.9450, 0.3649, 0.3009

Complementary

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



65.9450, 0.3465, 0.4120



35.2967, 0.2706, 0.2390

Split Complementary

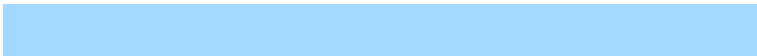
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.9450, 0.3193, 0.2728



65.9450, 0.3465, 0.4120



65.9450, 0.2431, 0.2578

Square

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



65.9450, 0.3465, 0.4120



65.9450, 0.2352, 0.3123



65.9450, 0.2750, 0.2572



65.9450, 0.3967, 0.3363

Rectangle

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



65.9450, 0.3465, 0.4120



65.9450, 0.2730, 0.3722



65.9450, 0.2750, 0.2572



65.9450, 0.3505, 0.2904

Sweetspot

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



65.9479, 0.3465, 0.4120



97.2451, 0.3235, 0.3540



45.2350, 0.3788, 0.3502



20.7359, 0.3250, 0.3577



0.0000, 0.0000, 0.0000



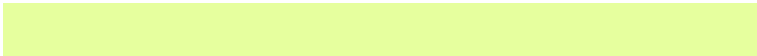
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9479, 0.3465, 0.4120



90.8372, 0.3529, 0.4296



61.6560, 0.3205, 0.4193



15.0870, 0.3228, 0.3524



34.7003, 0.3748, 0.5406



2.2883, 0.3824, 0.5346

Inverse Universe

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



35.2967, 0.2706, 0.2390



41.7710, 0.2600, 0.2180



39.6026, 0.3006, 0.2464



12.7779, 0.3021, 0.3051



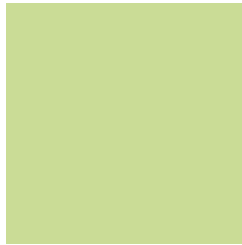
3.5792, 0.1656, 0.0686



0.2730, 0.1825, 0.0779

Previews

White Background



This preview shows how the Yxy color 65.9450, 0.3465, 0.4120 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 65.9450, 0.3465, 0.4120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

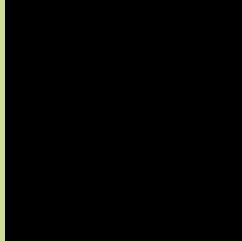
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9450, 0.3465, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 65.9450, 0.3465, 0.4120.



This preview shows how white text looks on a background with the Yxy color 65.9450, 0.3465, 0.4120.

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

65.9450, 0.3465, 0.4120

Protanopia

65.8516, 0.3725, 0.4014

Deuteranopia

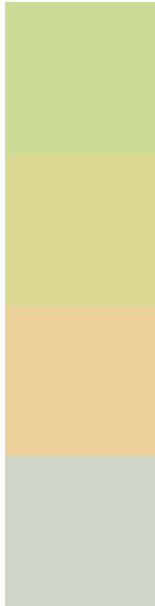
65.5542, 0.3889, 0.3806



Tritanopia

65.6363, 0.3027, 0.3101

Trichromacy



Original Color

65.9450, 0.3465, 0.4120

Protanomaly

65.7991, 0.3627, 0.4055

Deuteranomaly

65.2245, 0.3726, 0.3910

Tritanomaly

65.6266, 0.3185, 0.3463

Monochromacy



Original Color

65.9450, 0.3465, 0.4120

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.6113, 0.3255, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9450, 0.3465, 0.4120 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(202, 220, 150)` looks like.

```
.text, #text, p{  
    color:rgb(202, 220, 150)  
}
```

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(202, 220, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 220, 150) }
```

Border

The CSS property to change the border of an element to Yxy 65.9450, 0.3465, 0.4120 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(202, 220, 150) }
```

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

```
.border{ border-color:rgb(202, 220, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 220, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 220, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 220, 150);  
box-shadow:4px 4px 4px 4px rgb(202, 220,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9450, 0.3465, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 220, 150) }
```

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

```
.background{ background-color: rgb(202,  
220, 150) }
```

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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