

Converting Colors

$Yxy(64.0658, 0.3489, 0.4254)$

Have a look what the booklet for
Yxy(64.0658, 0.3489, 0.4254)
contains.

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Color

Yxy(64.1292, 0.3484, 0.4256)

Conversions

Conversions Part 1

Format	Color
Hex	C3DB8B
RGB	195, 219, 139
RGB Percent	76%, 86%, 55%
CMY	0.2354, 0.1411, 0.4547
CMYK	0.11, 0.00, 0.37, 0.14
HSL	78°, 53%, 70%
HSV	78°, 37%, 86%
XYZ	52.4967, 64.1292, 34.0536
YIQ	202.7040, 11.3760, -29.9680

Conversions

Conversions Part 2

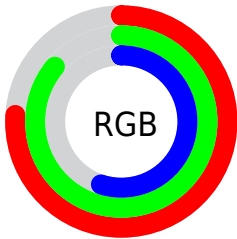
Format	Color
RYB	139, 219, 163
Decimal	12835723
CIELab	84.03, -20.94, 36.71
CIELCh	84, 42.265, 119.699
Yxy	64.1292, 0.3484, 0.4256
Android (android.graphics.Color)	4291025803 (0xFFC3DB8B)
YUV	202.7040, -31.4061, -6.7564
Hunter-Lab	80.0807, -23.1259, 30.8440

Details

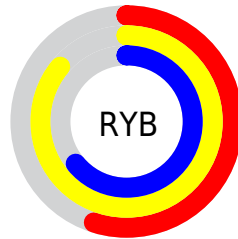
The Yxy color $64.1292, 0.3484, 0.4256$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $31.3867, 0.2660, 0.2247$, and the grayscale version is $59.7230, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.0657, 0.3476, 0.3904$, and $32.8309, 0.3547, 0.4504$ is the 20% darker color. If you saturate the color by 10%, you get $62.6972, 0.3567, 0.4528$, and if you desaturate by 10%, it is $65.7337, 0.3391, 0.3980$.

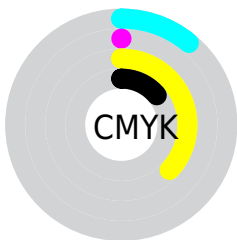
Distribution



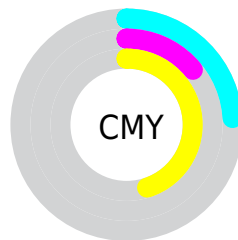
- Red (76%)
- Green (86%)
- Blue (55%)



- Red (55%)
- Yellow (86%)
- Blue (64%)



- Cyan (11%)
- Magenta (0%)
- Yellow (37%)
- Black (14%)





- Cyan (24%)
- Magenta (14%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.1292, 0.3484, 0.4256 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 64.1292, 0.3484, 0.4256 by changing the saturation by 10% instead.


 64.1292, 0.3484,
0.4256

 64.1292, 0.3484,
0.4256


439.6561, 0.3329,
0.3785


 46.7553, 0.3515,
0.4368


 110.7970, 0.3433,
0.4089

 32.8423, 0.3551,
0.4508


 140.8597, 0.3412,
0.4025

 22.0056, 0.3591,
0.4688


 175.9208, 0.3394,
0.3970

 13.8610, 0.3634,
0.4925

216.3647, 0.3378,
0.3923

 8.0241, 0.3671,
0.5247

262.5758, 0.3364,
0.3882

 4.1104, 0.3737,
0.5797

314.9384, 0.3351,

 1.7355, 0.3589,

0.3846

0.6411

373.8370, 0.3339,
0.3814

0.4465, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

64.1292, 0.3484,
0.4256

64.1292, 0.3484,
0.4256

62.6972, 0.3567,
0.4528

65.7337, 0.3391,
0.3980

61.4211, 0.3635,
0.4785


67.5098, 0.3292,
0.3709


60.2946, 0.3683,
0.5014


69.4674, 0.3192,
0.3450

59.3077, 0.3706,
0.5205


71.6129, 0.3093,
0.3207

 58.4485, 0.3704,
0.5349


 73.9528, 0.2998,
0.2983


 57.7022, 0.3679,
0.5444

 75.4573, 0.3002,
0.2925

 57.4595, 0.3667,
0.5471

 76.5947, 0.3047,
0.2929

 77.7739, 0.3092,
0.2934

 78.9953, 0.3138,
0.2940

Harmonies

Analogous

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



64.1292, 0.3933, 0.4131



64.1292, 0.3484, 0.4256



64.1292, 0.2961, 0.4062

Triad

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



64.1292, 0.3484, 0.4256



64.1292, 0.2175, 0.2665



64.1292, 0.3755, 0.2984

Complementary

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



64.1292, 0.3484, 0.4256



31.3867, 0.2660, 0.2247

Split Complementary

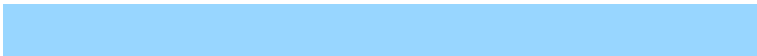
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.1292, 0.3228, 0.2661



64.1292, 0.3484, 0.4256



64.1292, 0.2343, 0.2469

Square

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



64.1292, 0.3484, 0.4256



64.1292, 0.2230, 0.3064



64.1292, 0.2713, 0.2476



64.1292, 0.4113, 0.3386

Rectangle

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



64.1292, 0.3484, 0.4256



64.1292, 0.2643, 0.3769



64.1292, 0.2713, 0.2476



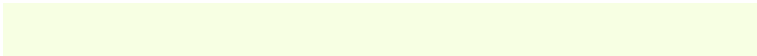
64.1292, 0.3589, 0.2864

Sweetspot

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



64.1320, 0.3484, 0.4256



96.7599, 0.3238, 0.3567



43.1327, 0.3902, 0.3582



20.6299, 0.3251, 0.3602



0.0000, 0.0000, 0.0000



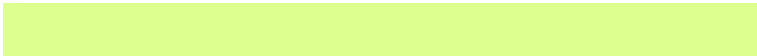
21.4041, 0.3127, 0.3290

Same Dimension

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



64.1320, 0.3484, 0.4256



88.9151, 0.3551, 0.4471



59.5043, 0.3185, 0.4354



15.0573, 0.3221, 0.3524



34.1279, 0.3674, 0.5464



2.2550, 0.3762, 0.5395

Inverse Universe

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



31.3867, 0.2660, 0.2247



36.0944, 0.2532, 0.1993



36.2915, 0.3020, 0.2349



12.8059, 0.3027, 0.3052



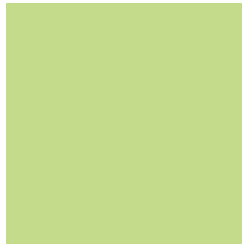
3.7652, 0.1706, 0.0714



0.2882, 0.1884, 0.0811

Previews

White Background



This preview shows how the Yxy color 64.1292, 0.3484, 0.4256 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 64.1292, 0.3484, 0.4256 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 64.1292, 0.3484, 0.4256

Background



This preview shows how black text looks on a background with the Yxy color 64.1292, 0.3484, 0.4256.



This preview shows how white text looks on a background with the Yxy color 64.1292, 0.3484, 0.4256.

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

64.1292, 0.3484, 0.4256

Protanopia

63.8442, 0.3814, 0.4115

Deuteranopia

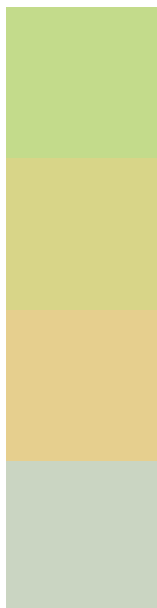
63.6157, 0.3978, 0.3891



Tritanopia

64.1590, 0.2997, 0.3109

Trichromacy



Original Color

64.1292, 0.3484, 0.4256

Protanomaly

63.9650, 0.3692, 0.4176

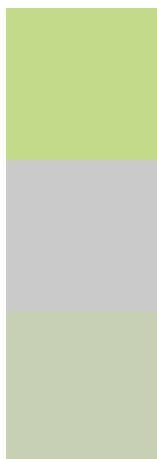
Deuteranomaly

63.4016, 0.3789, 0.4015

Tritanomaly

64.0401, 0.3176, 0.3513

Monochromacy



Original Color

64.1292, 0.3484, 0.4256

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

61.1756, 0.3263, 0.3639

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.1292, 0.3484, 0.4256 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(195, 219, 139)` looks like.

```
.text, #text, p{  
    color:rgb(195, 219, 139)  
}
```

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(195, 219, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 219, 139) }
```

Border

The CSS property to change the border of an element to Yxy 64.1292, 0.3484, 0.4256 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(195, 219, 139) }
```

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

```
.border{ border-color:rgb(195, 219, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 219, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 219, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 219, 139); box-shadow:4px 4px 4px 4px rgb(195, 219, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 64.1292, 0.3484, 0.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 219, 139) }
```

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

```
.background{ background-color: rgb(195,  
219, 139) }
```

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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