

Converting Colors

Yxy(60.4363, 0.3526, 0.4013)

Have a look what the booklet for
Yxy(60.4363, 0.3526, 0.4013)
contains.

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Color

Yxy(60.5764, 0.3524, 0.4024)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CCD194 |
| RGB | 204, 209, 148 |
| RGB Percent | 80%, 82%, 58% |
| CMY | 0.2000, 0.1804, 0.4196 |
| CMYK | 0.02, 0.00, 0.29, 0.18 |
| HSL | 65°, 40%, 70% |
| HSV | 65°, 29%, 82% |
| XYZ | 53.0495, 60.5764, 36.9119 |
| YIQ | 200.5510, 16.6010, -20.0310 |

Conversions

Conversions Part 2

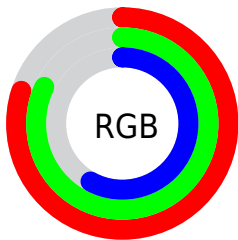
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 148, 209, 153 |
| Decimal | 13422996 |
| CIE Lab | 82.15, -11.39, 29.77 |
| CIE LCh | 82, 31.875, 110.938 |
| Yxy | 60.5764, 0.3524, 0.4024 |
| Android (android.graphics.Color) | 4291613076 (0xFFCCD194) |
| YUV | 200.5510, -25.9076, 3.0248 |
| Hunter-Lab | 77.8308, -14.5384, 26.3629 |

Details

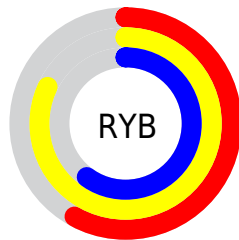
The Yxy color **60.5764, 0.3524, 0.4024** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.5542, 0.2658, 0.2456**, and the grayscale version is **58.2740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **30.6953, 0.3608, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **59.7356, 0.3655, 0.4274**, and if you desaturate by 10%, it is **61.5448, 0.3388, 0.3768**.

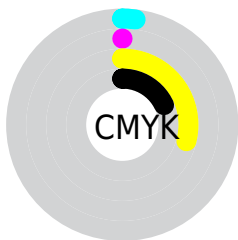
Distribution



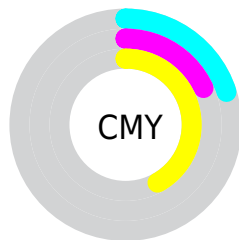
- Red (80%)
- Green (82%)
- Blue (58%)



- Red (58%)
- Yellow (82%)
- Blue (60%)



- Cyan (2%)
- Magenta (0%)
- Yellow (29%)
- Black (18%)




- Cyan (20%)
- Magenta (18%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5764, 0.3524, 0.4024 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 60.5764, 0.3524, 0.4024 by changing the saturation by 10% instead.


 60.5764, 0.3524,
0.4024


 60.5764, 0.3524,
0.4024


426.7191, 0.3341,
0.3667

 43.8834, 0.3565,
0.4109

 105.6654, 0.3461,
0.3897

 30.5789, 0.3614,
0.4216


 134.8301, 0.3436,
0.3849

 20.2784, 0.3674,
0.4353


168.9209, 0.3415,
0.3807

 12.5976, 0.3749,
0.4535

208.3221, 0.3397,
0.3772

 7.1520, 0.3840,
0.4785

253.4181, 0.3380,
0.3741

 3.5573, 0.3967,
0.5177

304.5934, 0.3366,

 1.4292, 0.4142,

0.3713

0.5858

362.2322, 0.3353,
0.3689

0.2381, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.5764, 0.3524,
0.4024

60.5764, 0.3524,
0.4024

59.7356, 0.3655,
0.4274

61.5448, 0.3388,
0.3768

59.0077, 0.3774,
0.4509

62.6386, 0.3251,
0.3515

58.3885, 0.3876,
0.4718

63.8661, 0.3116,
0.3271

57.8702, 0.3957,
0.4892


65.2325, 0.2988,
0.3039


 57.4437, 0.4013,
0.5025

 66.7428, 0.2867,
0.2824


 57.0987, 0.4042,
0.5113

 67.1592, 0.2864,
0.2801

 56.8175, 0.4049,
0.5163

 67.4183, 0.2875,
0.2803

 56.7957, 0.4049,
0.5167

 67.6801, 0.2887,
0.2804

 67.9447, 0.2898,
0.2806

Harmonies

Analogous

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



60.5764, 0.3829, 0.3888



60.5764, 0.3524, 0.4024



60.5764, 0.3125, 0.3939

Triad

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



60.5764, 0.3524, 0.4024



60.5764, 0.2373, 0.2889



60.5764, 0.3501, 0.2970

Complementary

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



60.5764, 0.3524, 0.4024



32.5542, 0.2658, 0.2456

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.



60.5764, 0.3087, 0.2738



60.5764, 0.3524, 0.4024



60.5764, 0.2456, 0.2678

Square

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



60.5764, 0.3524, 0.4024



60.5764, 0.2473, 0.3239



60.5764, 0.2709, 0.2632



60.5764, 0.3823, 0.3280

Rectangle

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



60.5764, 0.3524, 0.4024



60.5764, 0.2861, 0.3757



60.5764, 0.2709, 0.2632



60.5764, 0.3366, 0.2881

Sweetspot

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



60.5791, 0.3524, 0.4024



98.2546, 0.3249, 0.3513



38.1714, 0.3756, 0.3343



20.9737, 0.3269, 0.3550



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.



60.5791, 0.3524, 0.4024



94.1652, 0.3606, 0.4181



56.7887, 0.3286, 0.4084



13.7464, 0.3254, 0.3521



35.0382, 0.4052, 0.5165



1.9740, 0.4079, 0.5143

Inverse Universe

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



32.5542, 0.2658, 0.2456



43.2919, 0.2539, 0.2248



35.7972, 0.2917, 0.2514



11.4632, 0.2994, 0.3050



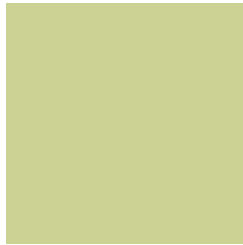
2.9299, 0.1529, 0.0616



0.1802, 0.1618, 0.0665

Previews

White Background



This preview shows how the Yxy color 60.5764, 0.3524, 0.4024 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 60.5764, 0.3524, 0.4024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

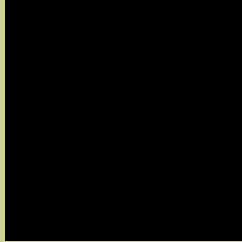
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.5764, 0.3524, 0.4024

Background



This preview shows how black text looks on a background with the Yxy color 60.5764, 0.3524, 0.4024.



This preview shows how white text looks on a background with the Yxy color 60.5764, 0.3524, 0.4024.

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

60.5764, 0.3524, 0.4024

Protanopia

60.4767, 0.3687, 0.3961

Deuteranopia

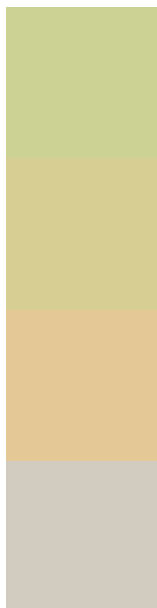
60.4150, 0.3857, 0.3783



Tritanopia

60.4126, 0.3113, 0.3109

Trichromacy



Original Color

60.5764, 0.3524, 0.4024

Protanomaly

60.5453, 0.3623, 0.3983

Deuteranomaly

60.4693, 0.3735, 0.3869

Tritanomaly

60.1751, 0.3269, 0.3431

Monochromacy



Original Color

60.5764, 0.3524, 0.4024

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1197, 0.3271, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5764, 0.3524, 0.4024 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(204, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(204, 209, 148)  
}
```

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(204, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 209, 148) }
```

Border

The CSS property to change the border of an element to Yxy 60.5764, 0.3524, 0.4024 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(204, 209, 148) }
```

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

```
.border{ border-color:rgb(204, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 209, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 209, 148);  
box-shadow:4px 4px 4px 4px rgb(204, 209,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5764, 0.3524, 0.4024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 209, 148) }
```

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

```
.background{ background-color: rgb(204,  
209, 148) }
```

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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