

Converting Colors

Yxy(59.4562, 0.3411, 0.3784)

Have a look what the booklet for
Yxy(59.4562, 0.3411, 0.3784)
contains.

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Color

Yxy(59.6966, 0.3408, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	CCCEA5
RGB	204, 206, 165
RGB Percent	80%, 81%, 65%
CMY	0.2000, 0.1921, 0.3528
CMYK	0.01, 0.00, 0.20, 0.19
HSL	63°, 29%, 73%
HSV	63°, 20%, 81%
XYZ	53.7648, 59.6966, 44.2992
YIQ	200.7280, 11.9690, -13.1750

Conversions

Conversions Part 2

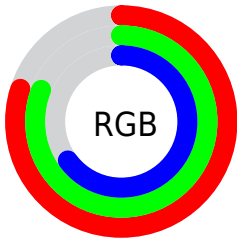
Format	Color
RYB	165, 206, 167
Decimal	13422245
CIELab	81.67, -7.49, 20.20
CIELCh	82, 21.548, 110.342
Yxy	59.6966, 0.3408, 0.3784
Android (android.graphics.Color)	4291612325 (0xFFCCCEA5)
YUV	200.7280, -17.6139, 2.8695
Hunter-Lab	77.2636, -10.9999, 20.0905

Details

The Yxy color **59.6966, 0.3408, 0.3784** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **39.5974, 0.2815, 0.2749**, and the grayscale version is **58.3388, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9473, 0.3333, 0.3631**, and **30.1328, 0.3481, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **58.8657, 0.3550, 0.4037**, and if you desaturate by 10%, it is **60.6546, 0.3265, 0.3532**.

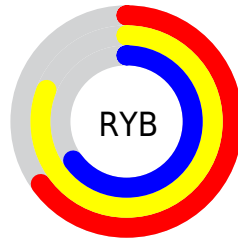
Distribution



Red (80%)

Green (81%)

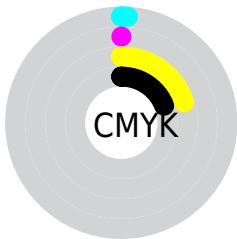
Blue (65%)



Red (65%)

Yellow (81%)

Blue (65%)

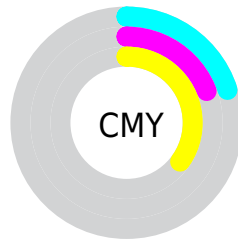


Cyan (1%)

Magenta (0%)

Yellow (20%)

Black (19%)



Cyan (20%)


Magenta (19%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6966, 0.3408, 0.3784 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 59.6966, 0.3408, 0.3784 by changing the saturation by 10% instead.


 59.6966, 0.3408,
0.3784

 59.6966, 0.3408,
0.3784


423.4785, 0.3276,
0.3544

 43.1741, 0.3439,
0.3842


 104.3894, 0.3362,
0.3698

 30.0218, 0.3476,
0.3914


 133.3286, 0.3344,
0.3666

 19.8551, 0.3524,
0.4009

167.1754, 0.3329,
0.3638

 12.2898, 0.3586,
0.4136

206.3143, 0.3315,
0.3614

 6.9413, 0.3669,
0.4315

251.1297, 0.3304,
0.3593

 3.4254, 0.3782,
0.4585

302.0059, 0.3293,

 1.3577, 0.4390,

0.3575

0.5610

359.3274, 0.3284,
0.3559

0.1852, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.6966, 0.3408,
0.3784

59.6966, 0.3408,
0.3784

58.8657, 0.3550,
0.4037

60.6546, 0.3265,
0.3532

58.1481, 0.3686,
0.4282

61.7371, 0.3126,
0.3287

57.5403, 0.3810,
0.4510

62.9518, 0.2992,
0.3055

57.0354, 0.3917,
0.4711

64.3035, 0.2867,
0.2838

■ 56.6258, 0.4002,
0.4875

■ 64.9288, 0.2827,
0.2763

■ 56.3027, 0.4061,
0.4998

■ 65.0770, 0.2834,
0.2764

■ 56.0561, 0.4095,
0.5077

■ 65.2262, 0.2841,
0.2765

■ 55.8669, 0.4107,
0.5120

■ 65.3763, 0.2847,
0.2766

■ 55.8649, 0.4107,
0.5121

■ 65.5274, 0.2854,
0.2767

Harmonies

Analogous

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



59.6966, 0.3609, 0.3701



59.6966, 0.3408, 0.3784



59.6966, 0.3137, 0.3723

Triad

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



59.6966, 0.3408, 0.3784



59.6966, 0.2604, 0.3027



59.6966, 0.3377, 0.3065

Complementary

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



59.6966, 0.3408, 0.3784



39.5974, 0.2815, 0.2749

Split Complementary

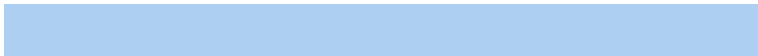
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.6966, 0.3098, 0.2903



59.6966, 0.3408, 0.3784



59.6966, 0.2661, 0.2873

Square

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



59.6966, 0.3408, 0.3784



59.6966, 0.2679, 0.3267



59.6966, 0.2837, 0.2831



59.6966, 0.3594, 0.3285

Rectangle

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



59.6966, 0.3408, 0.3784



59.6966, 0.2955, 0.3605



59.6966, 0.2837, 0.2831



59.6966, 0.3287, 0.3003

Sweetspot

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



59.6992, 0.3408, 0.3784



98.9111, 0.3211, 0.3437



43.2565, 0.3515, 0.3308



21.1467, 0.3221, 0.3454



0.0000, 0.0000, 0.0000



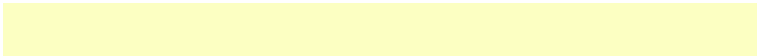
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6992, 0.3408, 0.3784



96.0999, 0.3471, 0.3896



57.0722, 0.3249, 0.3810



13.0675, 0.3258, 0.3520



34.4104, 0.4108, 0.5120



1.7840, 0.4126, 0.5106

Inverse Universe

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



39.5974, 0.2815, 0.2749



57.5591, 0.2735, 0.2612



41.9273, 0.2982, 0.2775



10.8699, 0.2990, 0.3051



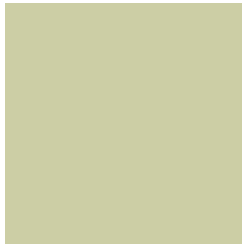
2.7966, 0.1517, 0.0609



0.1537, 0.1575, 0.0642

Previews

White Background



This preview shows how the Yxy color 59.6966, 0.3408, 0.3784 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 59.6966, 0.3408, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

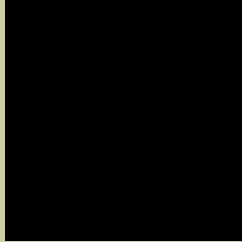
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

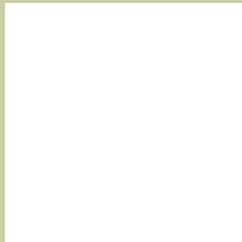
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6966, 0.3408, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 59.6966, 0.3408, 0.3784.



This preview shows how white text looks on a background with the Yxy color 59.6966, 0.3408, 0.3784.

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

59.6966, 0.3408, 0.3784

Protanopia

59.3325, 0.3523, 0.3749

Deuteranopia

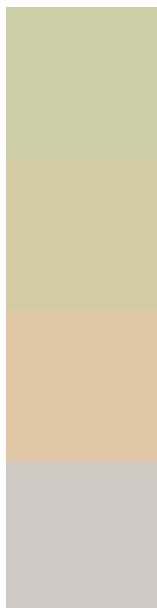
59.4824, 0.3680, 0.3603



Tritanopia

59.6020, 0.3105, 0.3107

Trichromacy



Original Color

59.6966, 0.3408, 0.3784

Protanomaly

59.2411, 0.3480, 0.3754

Deuteranomaly

59.4473, 0.3583, 0.3670

Tritanomaly

59.6822, 0.3210, 0.3349

Monochromacy



Original Color

59.6966, 0.3408, 0.3784

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.8993, 0.3228, 0.3470

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6966, 0.3408, 0.3784 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, 206, 165)` looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 165)  
}
```

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, 206, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 165) }
```

Border

The CSS property to change the border of an element to Yxy 59.6966, 0.3408, 0.3784 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, 206, 165) }
```

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

```
.border{ border-color:rgb(204, 206, 165) }
```

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

Here you see how a box with a 4 pixel rgb(204, 206, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 165);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6966, 0.3408, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 165) }
```

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

```
.background{ background-color: rgb(204,  
206, 165) }
```

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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