

Converting Colors

Yxy(61.8670, 0.3411, 0.3768)

Have a look what the booklet for
Yxy(61.8670, 0.3411, 0.3768)
contains.

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Color

Yxy(61.8754, 0.3405, 0.3764)

Conversions

Conversions Part 1

Format	Color
Hex	D0D1A9
RGB	208, 209, 169
RGB Percent	82%, 82%, 66%
CMY	0.1843, 0.1804, 0.3372
CMYK	0.00, 0.00, 0.19, 0.18
HSL	62°, 30%, 74%
HSV	62°, 19%, 82%
XYZ	55.9739, 61.8754, 46.5381
YIQ	204.1410, 12.2440, -12.6520

Conversions

Conversions Part 2

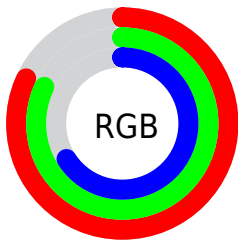
Format	Color
RYB	169, 209, 170
Decimal	13685161
CIELab	82.85, -6.96, 19.77
CIELCh	83, 20.963, 109.402
Yxy	61.8754, 0.3405, 0.3764
Android (android.graphics.Color)	4291875241 (0xFFD0D1A9)
YUV	204.1410, -17.3245, 3.3843
Hunter-Lab	78.6609, -10.6388, 19.9850

Details

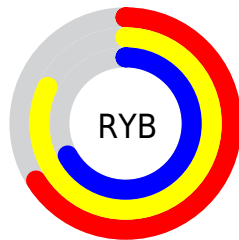
The Yxy color **61.8754, 0.3405, 0.3764** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5370, 0.2820, 0.2770**, and the grayscale version is **60.5847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **31.4993, 0.3465, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **61.0780, 0.3551, 0.4016**, and if you desaturate by 10%, it is **62.8040, 0.3258, 0.3513**.

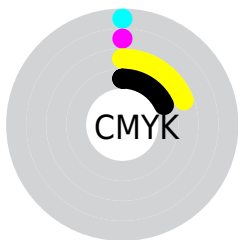
Distribution



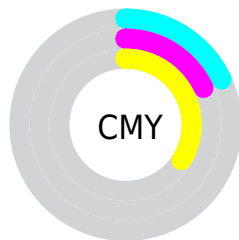
- Red (82%)
- Green (82%)
- Blue (66%)



- Red (66%)
- Yellow (82%)
- Blue (67%)



- Cyan (0%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.8754, 0.3405, 0.3764 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 61.8754, 0.3405, 0.3764 by changing the saturation by 10% instead.

61.8754, 0.3405,
0.3764

61.8754, 0.3405,
0.3764

431.4764, 0.3275,
0.3535

44.9320, 0.3435,
0.3818

107.5454, 0.3360,
0.3683

31.4039, 0.3472,
0.3887

137.0409, 0.3342,
0.3652

20.9066, 0.3519,
0.3975

171.4891, 0.3327,
0.3625

13.0557, 0.3579,
0.4094

211.2746, 0.3314,
0.3602

7.4669, 0.3661,
0.4260

256.7817, 0.3302,
0.3582

3.7558, 0.3773,
0.4509

308.3947, 0.3292,

1.5379, 0.4191,

0.3565

0.5242

366.4982, 0.3283,
0.3549

0.3152, 0.2913,
0.7087

0.0000, 0.0000,
0.0000

61.8754, 0.3405,
0.3764

61.8754, 0.3405,
0.3764

61.0780, 0.3551,
0.4016

62.8040, 0.3258,
0.3513

60.3976, 0.3692,
0.4259

63.8612, 0.3115,
0.3269

59.8306, 0.3822,
0.4485

65.0549, 0.2978,
0.3037

59.3700, 0.3935,
0.4684

66.3901, 0.2850,
0.2821

■ 59.0078, 0.4026,
0.4846

■ 66.6203, 0.2839,
0.2798

■ 58.7353, 0.4091,
0.4967

■ 66.6986, 0.2843,
0.2798

■ 58.5418, 0.4131,
0.5045

■ 66.7771, 0.2846,
0.2799

■ 58.4101, 0.4148,
0.5085

■ 66.8559, 0.2850,
0.2799

■ 58.3997, 0.4149,
0.5088

■ 66.9350, 0.2853,
0.2800

Harmonies

Analogous

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



61.8754, 0.3595, 0.3682



61.8754, 0.3405, 0.3764



61.8754, 0.3145, 0.3710

Triad

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



61.8754, 0.3405, 0.3764



61.8754, 0.2624, 0.3044



61.8754, 0.3360, 0.3068

Complementary

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



61.8754, 0.3405, 0.3764



41.5370, 0.2820, 0.2770

Split Complementary

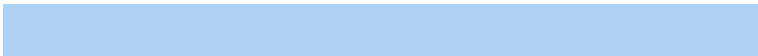
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.8754, 0.3091, 0.2913



61.8754, 0.3405, 0.3764



61.8754, 0.2674, 0.2892

Square

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



61.8754, 0.3405, 0.3764



61.8754, 0.2700, 0.3277



61.8754, 0.2842, 0.2848



61.8754, 0.3571, 0.3279

Rectangle

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



61.8754, 0.3405, 0.3764



61.8754, 0.2969, 0.3599



61.8754, 0.2842, 0.2848



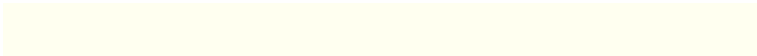
61.8754, 0.3273, 0.3008

Sweetspot

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



61.8781, 0.3405, 0.3764



98.9799, 0.3214, 0.3437



45.0536, 0.3499, 0.3299



21.1630, 0.3223, 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.



61.8781, 0.3405, 0.3764



96.5004, 0.3466, 0.3868



59.2049, 0.3250, 0.3788



13.7817, 0.3262, 0.3520



36.0119, 0.4150, 0.5087



2.0185, 0.4158, 0.5080

Inverse Universe

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



41.5370, 0.2820, 0.2770



58.8417, 0.2744, 0.2642



43.8931, 0.2983, 0.2794



11.4318, 0.2986, 0.3050



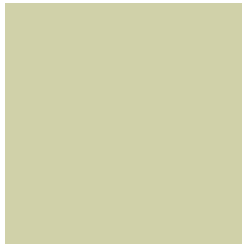
2.8659, 0.1509, 0.0605



0.1654, 0.1537, 0.0621

Previews

White Background



This preview shows how the Yxy color 61.8754, 0.3405, 0.3764 looks on a white background.

Color Contrast Check

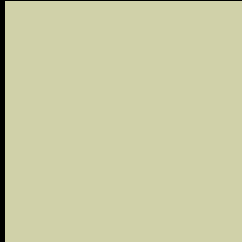
Large Text (above 18pt) WCAG AA × Fail

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 61.8754, 0.3405, 0.3764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

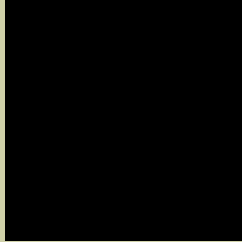
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

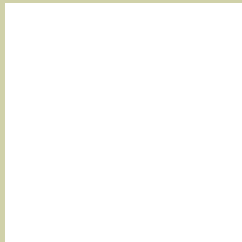
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.8754, 0.3405, 0.3764

Background



This preview shows how black text looks on a background with the Yxy color 61.8754, 0.3405, 0.3764.



This preview shows how white text looks on a background with the Yxy color 61.8754, 0.3405, 0.3764.

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

61.8754, 0.3405, 0.3764

Protanopia

61.8381, 0.3508, 0.3742

Deuteranopia

61.5056, 0.3664, 0.3588



Tritanopia

61.7501, 0.3113, 0.3110

Trichromacy



Original Color

61.8754, 0.3405, 0.3764

Protanomaly

61.7489, 0.3465, 0.3747

Deuteranomaly

61.4742, 0.3569, 0.3654

Tritanomaly

61.8298, 0.3217, 0.3348

Monochromacy



Original Color

61.8754, 0.3405, 0.3764

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.8833, 0.3226, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8754, 0.3405, 0.3764 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, 209, 169)` looks like.

```
.text, #text, p{  
    color:rgb(208, 209, 169)  
}
```

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, 209, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 209, 169) }
```

Border

The CSS property to change the border of an element to Yxy 61.8754, 0.3405, 0.3764 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, 209, 169) }
```

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

```
.border{ border-color:rgb(208, 209, 169) }
```

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

Here you see how a box with a 4 pixel rgb(208, 209, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 209, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 209, 169);  
box-shadow:4px 4px 4px 4px rgb(208, 209,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8754, 0.3405, 0.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 209, 169) }
```

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

```
.background{ background-color: rgb(208,  
209, 169) }
```

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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