

Converting Colors

$Yxy(62.0555, 0.3304, 0.3593)$

Have a look what the booklet for
Yxy(62.0555, 0.3304, 0.3593)
contains.

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Color

Yxy(61.9405, 0.3305, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	D0D0B7
RGB	208, 208, 183
RGB Percent	82%, 82%, 72%
CMY	0.1843, 0.1843, 0.2822
CMYK	0.00, 0.00, 0.12, 0.18
HSL	60°, 21%, 77%
HSV	60°, 12%, 82%
XYZ	57.1187, 61.9405, 53.7659
YIQ	205.1500, 8.0250, -7.7750

Conversions

Conversions Part 2

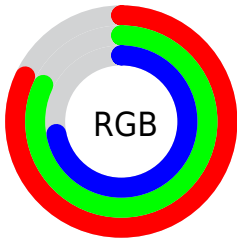
Format	Color
R _{YB}	183, 208, 183
Decimal	13684919
CIE Lab	82.88, -4.28, 12.41
CIE LCh	83, 13.121, 109.016
Yxy	61.9405, 0.3305, 0.3584
Android (android.graphics.Color)	4291874999 (0xFFD0D0B7)
YUV	205.1500, -10.9199, 2.4995
Hunter-Lab	78.7023, -8.1815, 14.5873

Details

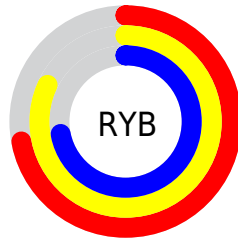
The Yxy color **61.9405, 0.3305, 0.3584** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.5099, 0.2938, 0.2978**, and the grayscale version is **61.2208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **31.5929, 0.3354, 0.3665** is the 20% darker color. If you saturate the color by 10%, you get **61.1397, 0.3457, 0.3835**, and if you desaturate by 10%, it is **62.8748, 0.3156, 0.3338**.

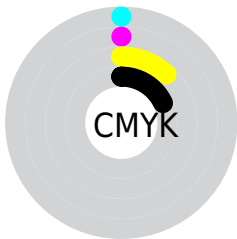
Distribution



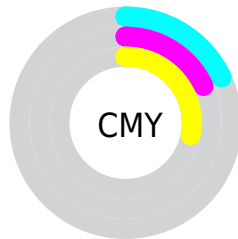
- Red (82%)
- Green (82%)
- Blue (72%)



- Red (72%)
- Yellow (82%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.9405, 0.3305, 0.3584 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 61.9405, 0.3305, 0.3584 by changing the saturation by 10% instead.

■ 61.9405, 0.3305,
0.3584

■ 61.9405, 0.3305,
0.3584

431.7140, 0.3221,
0.3443

■ 44.9846, 0.3325,
0.3618

■ 107.6395, 0.3275,
0.3534

■ 31.4453, 0.3349,
0.3660

137.1515, 0.3264,
0.3515

■ 20.9382, 0.3380,
0.3715

171.6176, 0.3254,
0.3498

■ 13.0788, 0.3422,
0.3788

211.4222, 0.3246,
0.3484

■ 7.4828, 0.3479,
0.3892

256.9498, 0.3238,
0.3472

■ 3.7659, 0.3563,
0.4050

308.5847, 0.3232,

■ 1.5435, 0.3721,

0.3461

0.4348

366.7113, 0.3226,
0.3451

0.3190, 0.3840,
0.6160

0.0000, 0.0000,
0.0000

61.9405, 0.3305,
0.3584

61.9405, 0.3305,
0.3584

61.1397, 0.3457,
0.3835

62.8748, 0.3156,
0.3338

60.4586, 0.3606,
0.4082

63.9396, 0.3014,
0.3102

59.8939, 0.3749,
0.4319

65.1426, 0.2880,
0.2881

59.4391, 0.3879,
0.4534

65.7432, 0.2821,
0.2784

■ 59.0870, 0.3991,
0.4718

■ 65.7434, 0.2821,
0.2784

■ 58.8297, 0.4079,
0.4864

■ 65.7435, 0.2821,
0.2784

■ 58.6580, 0.4141,
0.4967

■ 65.7436, 0.2821,
0.2784

■ 58.5609, 0.4178,
0.5028

■ 65.7438, 0.2821,
0.2784

■ 58.5214, 0.4193,
0.5053

■ 65.7439, 0.2821,
0.2784

Harmonies

Analogous

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



61.9405, 0.3421, 0.3537



61.9405, 0.3305, 0.3584



61.9405, 0.3143, 0.3549

Triad

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



61.9405, 0.3305, 0.3584



61.9405, 0.2808, 0.3141



61.9405, 0.3272, 0.3148

Complementary

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



61.9405, 0.3305, 0.3584



48.5099, 0.2938, 0.2978

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.



61.9405, 0.3104, 0.3048



61.9405, 0.3305, 0.3584



61.9405, 0.2840, 0.3041

Square

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



61.9405, 0.3305, 0.3584



61.9405, 0.2859, 0.3287



61.9405, 0.2947, 0.3009



61.9405, 0.3402, 0.3284

Rectangle

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



61.9405, 0.3305, 0.3584



61.9405, 0.3032, 0.3482



61.9405, 0.2947, 0.3009



61.9405, 0.3218, 0.3109

Sweetspot

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



61.9432, 0.3305, 0.3584



99.3603, 0.3186, 0.3388



50.7142, 0.3342, 0.3291



21.2423, 0.3198, 0.3406



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.



61.9432, 0.3305, 0.3584



97.9100, 0.3338, 0.3638



60.2048, 0.3208, 0.3593



13.7976, 0.3266, 0.3520



36.4731, 0.4193, 0.5053



2.0394, 0.4193, 0.5053

Inverse Universe

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



48.5099, 0.2938, 0.2978



73.1466, 0.2901, 0.2917



50.1092, 0.3039, 0.2987



11.4177, 0.2982, 0.3050



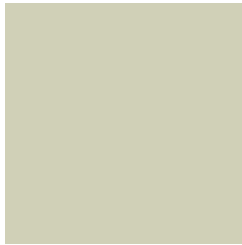
2.8384, 0.1500, 0.0600



0.1587, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 61.9405, 0.3305, 0.3584 looks on a white background.

Color Contrast Check

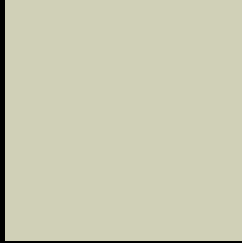
Large Text (above 18pt) WCAG AA × Fail

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 61.9405, 0.3305, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

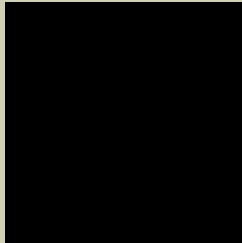
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

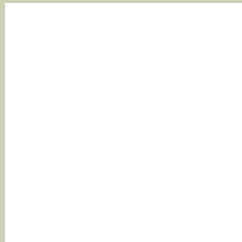
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.9405, 0.3305, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 61.9405, 0.3305, 0.3584.



This preview shows how white text looks on a background with the Yxy color 61.9405, 0.3305, 0.3584.

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

61.9405, 0.3305, 0.3584

Protanopia

62.1189, 0.3379, 0.3568

Deuteranopia

61.8421, 0.3517, 0.3446



Tritanopia

61.9725, 0.3090, 0.3110

Trichromacy



Original Color

61.9405, 0.3305, 0.3584

Protanomaly

62.1492, 0.3354, 0.3581

Deuteranomaly

61.7093, 0.3444, 0.3495

Tritanomaly

61.9678, 0.3166, 0.3279

Monochromacy



Original Color

61.9405, 0.3305, 0.3584

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.2956, 0.3191, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9405, 0.3305, 0.3584 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, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 183)  
}
```

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, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 183) }
```

Border

The CSS property to change the border of an element to Yxy 61.9405, 0.3305, 0.3584 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, 208, 183) }
```

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

```
.border{ border-color:rgb(208, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(208, 208,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9405, 0.3305, 0.3584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 183) }
```

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

```
.background{ background-color: rgb(208,  
208, 183) }
```

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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