

Converting Colors

$Yxy(64.2685, 0.3249, 0.3489)$

Have a look what the booklet for
Yxy(64.2685, 0.3249, 0.3489)
contains.

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Color

Yxy(64.3325, 0.3246, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	D3D3C2
RGB	211, 211, 194
RGB Percent	83%, 83%, 76%
CMY	0.1724, 0.1726, 0.2391
CMYK	0.00, 0.00, 0.08, 0.17
HSL	60°, 16%, 79%
HSV	60°, 8%, 83%
XYZ	59.9034, 64.3325, 60.3094
YIQ	209.0620, 5.4570, -5.2870

Conversions

Conversions Part 2

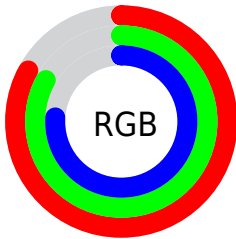
Format	Color
R_{YB}	194, 211, 194
Decimal	13882306
CIE _{Lab}	84.14, -2.94, 8.40
CIE _{LCh}	84, 8.904, 109.309
Yxy	64.3325, 0.3246, 0.3486
Android (android.graphics.Color)	4292072386 (0xFFD3D3C2)
YUV	209.0620, -7.4256, 1.6996
Hunter-Lab	80.2075, -7.0496, 11.5641

Details

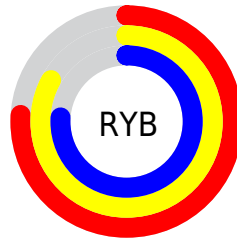
The Yxy color **64.3325, 0.3246, 0.3486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7836, 0.3004, 0.3086**, and the grayscale version is **63.8545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.0753, 0.3274, 0.3550** is the 20% darker color. If you saturate the color by 10%, you get **63.4325, 0.3397, 0.3735**, and if you desaturate by 10%, it is **65.3728, 0.3099, 0.3244**.

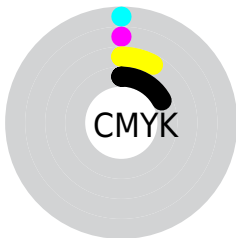
Distribution



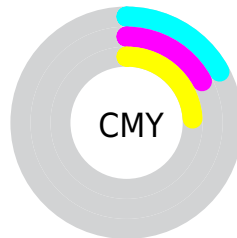
- Red (83%)
- Green (83%)
- Blue (76%)



- Red (76%)
- Yellow (83%)
- Blue (76%)



- Cyan (0%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3325, 0.3246, 0.3486 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 64.3325, 0.3246, 0.3486 by changing the saturation by 10% instead.

■ 64.3325, 0.3246,
0.3486

■ 64.3325, 0.3246,
0.3486

■ 440.3894, 0.3190,
0.3393

■ 46.9200, 0.3259,
0.3508

■ 111.0897, 0.3226,
0.3453

■ 32.9724, 0.3275,
0.3536

■ 141.2031, 0.3219,
0.3440

■ 22.1053, 0.3296,
0.3571

■ 176.3191, 0.3212,
0.3430

■ 13.9343, 0.3324,
0.3619

■ 216.8218, 0.3207,
0.3420

■ 8.0750, 0.3362,
0.3686

■ 263.0959, 0.3202,
0.3412

■ 4.1430, 0.3418,
0.3786

■ 315.5255, 0.3197,

■ 1.7539, 0.3509,

0.3405

374.4952, 0.3194,
0.3398

0.3955

0.4582, 0.4425,
0.5575

64.3325, 0.3246,
0.3486

63.4325, 0.3397,
0.3735

62.6586, 0.3549,
0.3985

62.0078, 0.3695,
0.4227

61.4734, 0.3832,
0.4451


64.3325, 0.3246,
0.3486


65.3728, 0.3099,
0.3244

66.5503, 0.2960,
0.3014

67.7219, 0.2843,
0.2821

67.7428, 0.2843,
0.2822

 61.0483, 0.3951,
0.4648


 67.7636, 0.2843,
0.2822

 60.7246, 0.4050,
0.4810


 67.7845, 0.2843,
0.2823

 60.4934, 0.4123,
0.4930

 67.8053, 0.2843,
0.2823

 60.3440, 0.4170,
0.5006

 67.8262, 0.2843,
0.2823

 60.2611, 0.4193,
0.5044

 67.8471, 0.2843,
0.2824

Harmonies

Analogous

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



64.3325, 0.3323, 0.3457



64.3325, 0.3246, 0.3486



64.3325, 0.3138, 0.3461

Triad

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



64.3325, 0.3246, 0.3486



64.3325, 0.2912, 0.3191



64.3325, 0.3225, 0.3195

Complementary

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



64.3325, 0.3246, 0.3486



54.7836, 0.3004, 0.3086

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.



64.3325, 0.3114, 0.3127



64.3325, 0.3246, 0.3486



64.3325, 0.2934, 0.3123

Square

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



64.3325, 0.3246, 0.3486



64.3325, 0.2946, 0.3288



64.3325, 0.3007, 0.3100



64.3325, 0.3311, 0.3288

Rectangle

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



64.3325, 0.3246, 0.3486



64.3325, 0.3063, 0.3417



64.3325, 0.3007, 0.3100



64.3325, 0.3189, 0.3169

Sweetspot

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



64.3353, 0.3246, 0.3486



99.6694, 0.3157, 0.3339



56.3539, 0.3263, 0.3287



21.3368, 0.3155, 0.3336



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.



64.3353, 0.3246, 0.3486



98.4328, 0.3277, 0.3537



63.1684, 0.3183, 0.3490



13.7934, 0.3266, 0.3519



36.3504, 0.4197, 0.5050



2.0338, 0.4196, 0.5050

Inverse Universe

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



54.7836, 0.3004, 0.3086



80.3042, 0.2970, 0.3031



55.8868, 0.3067, 0.3090



11.4214, 0.2982, 0.3050



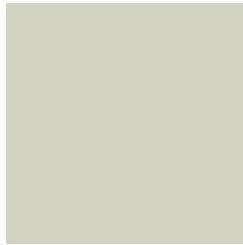
2.8456, 0.1501, 0.0601



0.1605, 0.1502, 0.0606

Previews

White Background



This preview shows how the Yxy color 64.3325, 0.3246, 0.3486 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 64.3325, 0.3246, 0.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

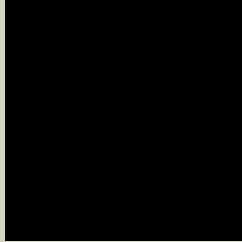
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

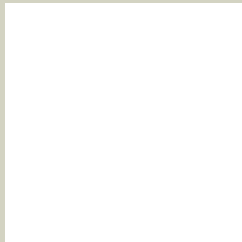
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3325, 0.3246, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 64.3325, 0.3246, 0.3486.



This preview shows how white text looks on a background with the Yxy color 64.3325, 0.3246, 0.3486.

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

64.3325, 0.3246, 0.3486

Protanopia

64.2029, 0.3302, 0.3473

Deuteranopia

63.8887, 0.3433, 0.3356



Tritanopia

64.4004, 0.3076, 0.3112

Trichromacy



Original Color

64.3325, 0.3246, 0.3486

Protanomaly

64.3905, 0.3285, 0.3485

Deuteranomaly

63.7715, 0.3364, 0.3402

Tritanomaly

64.1614, 0.3144, 0.3245

Monochromacy



Original Color

64.3325, 0.3246, 0.3486

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1545, 0.3169, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3325, 0.3246, 0.3486 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(211, 211, 194)` looks like.

```
.text, #text, p{  
    color:rgb(211, 211, 194)  
}
```

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(211, 211, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 211, 194) }
```

Border

The CSS property to change the border of an element to Yxy 64.3325, 0.3246, 0.3486 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(211, 211, 194) }
```

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

```
.border{ border-color:rgb(211, 211, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 211, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 211, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 211, 194);  
box-shadow:4px 4px 4px 4px rgb(211, 211,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3325, 0.3246, 0.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 211, 194) }
```

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

```
.background{ background-color: rgb(211,  
211, 194) }
```

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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