

Converting Colors

Yxy(63.3382, 0.3288, 0.3469)

Have a look what the booklet for
Yxy(63.3382, 0.3288, 0.3469)
contains.

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Color

Yxy(63.3646, 0.3295, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	D7D0C0
RGB	215, 208, 192
RGB Percent	84%, 82%, 75%
CMY	0.1568, 0.1843, 0.2471
CMYK	0.00, 0.03, 0.11, 0.16
HSL	42°, 22%, 80%
HSV	42°, 11%, 84%
XYZ	60.0997, 63.3646, 58.9324
YIQ	208.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

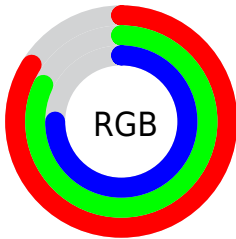
Format	Color
R _Y B	202, 215, 192
Decimal	14143680
CIE Lab	83.63, -0.30, 8.79
CIE LCh	84, 8.798, 91.959
Yxy	63.3646, 0.3295, 0.3474
Android (android.graphics.Color)	4292333760 (0xFFD7D0C0)
YUV	208.2690, -8.0206, 5.9031
Hunter-Lab	79.6019, -4.5352, 11.8266

Details

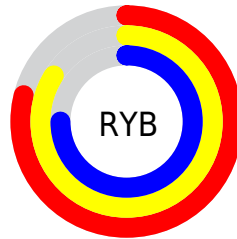
The Yxy color **63.3646, 0.3295, 0.3474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9739, 0.2961, 0.3099**, and the grayscale version is **63.3121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **32.4489, 0.3330, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **59.3488, 0.3467, 0.3654**, and if you desaturate by 10%, it is **67.6577, 0.3138, 0.3302**.

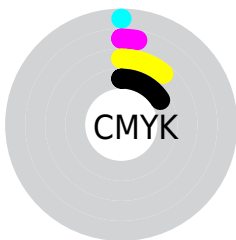
Distribution



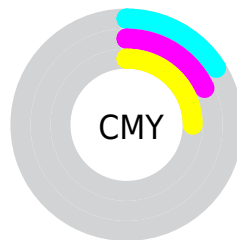
- Red (84%)
- Green (82%)
- Blue (75%)



- Red (79%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3646, 0.3295, 0.3474 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 63.3646, 0.3295, 0.3474 by changing the saturation by 10% instead.

■ 63.3646, 0.3295,
0.3474

■ 63.3646, 0.3295,
0.3474

436.8915, 0.3215,
0.3387

■ 46.1362, 0.3314,
0.3495

■ 109.6953, 0.3267,
0.3443

■ 32.3533, 0.3337,
0.3520

139.5665, 0.3256,
0.3431

■ 21.6315, 0.3367,
0.3553

174.4207, 0.3247,
0.3421

■ 13.5864, 0.3407,
0.3597

214.6424, 0.3239,
0.3413

■ 7.8336, 0.3463,
0.3659

260.6159, 0.3232,
0.3405

■ 3.9886, 0.3547,
0.3751

312.7257, 0.3226,

■ 1.6672, 0.3684,

0.3398

0.3904

371.3561, 0.3220,
0.3392

0.4023, 0.4825,
0.5175

0.0000, 0.0000,
0.0000

63.3646, 0.3295,
0.3474

63.3646, 0.3295,
0.3474

59.3488, 0.3467,
0.3654

67.6577, 0.3138,
0.3302

55.5942, 0.3653,
0.3836

72.2268, 0.2996,
0.3140

52.0957, 0.3850,
0.4016

76.9841, 0.2877,
0.3004

48.8446, 0.4053,
0.4185

80.6569, 0.2880,
0.3074

■ 45.8315, 0.4255,
0.4331

■ 84.4681, 0.2883,
0.3143

■ 43.0461, 0.4445,
0.4445

■ 88.4193, 0.2886,
0.3211

■ 40.4771, 0.4616,
0.4516

■ 92.5118, 0.2888,
0.3278

■ 38.1110, 0.4758,
0.4538

■ 93.1907, 0.2889,
0.3289

■ 36.0732, 0.4866,
0.4519

Harmonies

Analogous

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



63.3646, 0.3343, 0.3418



63.3646, 0.3295, 0.3474



63.3646, 0.3202, 0.3481

Triad

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



63.3646, 0.3295, 0.3474



63.3646, 0.2926, 0.3245



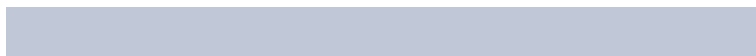
63.3646, 0.3162, 0.3152

Complementary

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



63.3646, 0.3295, 0.3474



56.9739, 0.2961, 0.3099

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.



63.3646, 0.3050, 0.3107



63.3646, 0.3295, 0.3474



63.3646, 0.2916, 0.3158

Square

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



63.3646, 0.3295, 0.3474



63.3646, 0.2990, 0.3347



63.3646, 0.2961, 0.3108



63.3646, 0.3265, 0.3233

Rectangle

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



63.3646, 0.3295, 0.3474



63.3646, 0.3128, 0.3455



63.3646, 0.2961, 0.3108



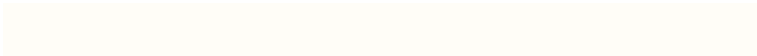
63.3646, 0.3124, 0.3132

Sweetspot

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



63.3674, 0.3295, 0.3474



98.0365, 0.3173, 0.3341



56.2879, 0.3259, 0.3206



20.8729, 0.3185, 0.3355



0.0000, 0.0000, 0.0000



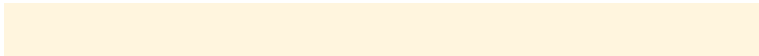
21.4041, 0.3127, 0.3290

Same Dimension

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



63.3674, 0.3295, 0.3474



91.7601, 0.3335, 0.3517



66.2388, 0.3254, 0.3555



13.8505, 0.3274, 0.3451



21.7658, 0.4853, 0.4529



1.4558, 0.4712, 0.4640

Inverse Universe

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



56.9739, 0.2961, 0.3099



80.4204, 0.2922, 0.3052



54.3733, 0.2992, 0.3016



12.6206, 0.2982, 0.3123



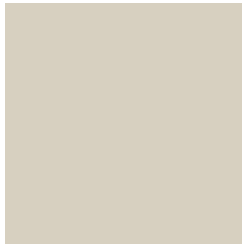
5.4031, 0.1617, 0.1019



0.4708, 0.1714, 0.1369

Previews

White Background



This preview shows how the Yxy color 63.3646, 0.3295, 0.3474 looks on a white background.

Color Contrast Check

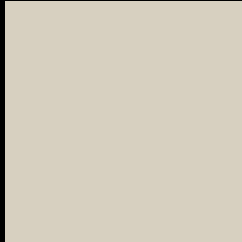
Large Text (above 18pt) WCAG AA × Fail

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 63.3646, 0.3295, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

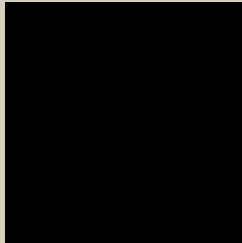
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

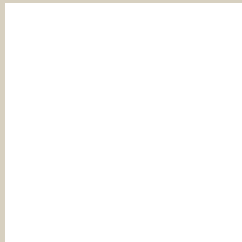
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.3646, 0.3295, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 63.3646, 0.3295, 0.3474.

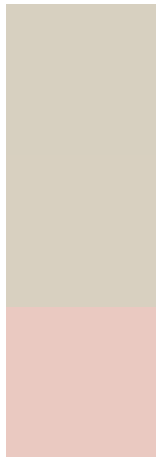


This preview shows how white text looks on a background with the Yxy color 63.3646, 0.3295, 0.3474.

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

63.3646, 0.3295, 0.3474

Protanopia

63.5165, 0.3303, 0.3474

Deuteranopia

63.1160, 0.3450, 0.3379



Tritanopia

63.4131, 0.3128, 0.3113

Trichromacy



Original Color

63.3646, 0.3295, 0.3474

Protanomaly

63.5165, 0.3303, 0.3474

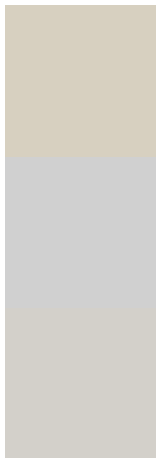
Deuteranomaly

63.3669, 0.3388, 0.3414

Tritanomaly

63.2212, 0.3191, 0.3234

Monochromacy



Original Color

63.3646, 0.3295, 0.3474

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.2249, 0.3192, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3646, 0.3295, 0.3474 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(215, 208, 192) looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 192)  
}
```

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(215, 208, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 192) }
```

Border

The CSS property to change the border of an element to Yxy 63.3646, 0.3295, 0.3474 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(215, 208, 192) }
```

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

```
.border{ border-color:rgb(215, 208, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 208, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 208, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 208, 192);  
box-shadow:4px 4px 4px 4px rgb(215, 208,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3646, 0.3295, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 192) }
```

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

```
.background{ background-color: rgb(215,  
208, 192) }
```

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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