

Converting Colors

$Yxy(64.1836, 0.3272, 0.3472)$

Have a look what the booklet for
Yxy(64.1836, 0.3272, 0.3472)
contains.

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Color

Yxy(64.2844, 0.3270, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	D6D2C2
RGB	214, 210, 194
RGB Percent	84%, 82%, 76%
CMY	0.1609, 0.1764, 0.2393
CMYK	0.00, 0.02, 0.09, 0.16
HSL	48°, 20%, 80%
HSV	48°, 9%, 84%
XYZ	60.5095, 64.2844, 60.2504
YIQ	209.3720, 7.5200, -4.1280

Conversions

Conversions Part 2

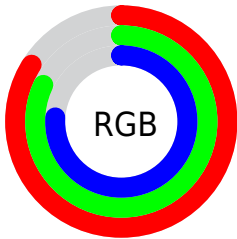
Format	Color
R _{YB}	199, 214, 194
Decimal	14078658
CIE Lab	84.11, -1.40, 8.41
CIE LCh	84, 8.528, 99.418
Yxy	64.2844, 0.3270, 0.3474
Android (android.graphics.Color)	4292268738 (0xFFD6D2C2)
YUV	209.3720, -7.5784, 4.0588
Hunter-Lab	80.1776, -5.5979, 11.5701

Details

The Yxy color **64.2844, 0.3270, 0.3474** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.6882, 0.2983, 0.3099**, and the grayscale version is **64.0620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.0413, 0.3306, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **61.3263, 0.3434, 0.3678**, and if you desaturate by 10%, it is **67.4421, 0.3117, 0.3277**.

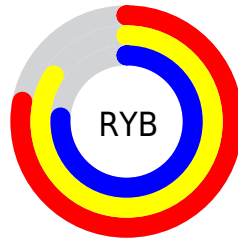
Distribution



Red (84%)

Green (82%)

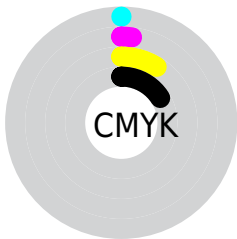
Blue (76%)



Red (78%)

Yellow (84%)

Blue (76%)

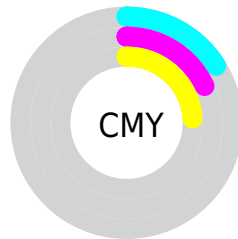


Cyan (0%)

Magenta (2%)

Yellow (9%)

Black (16%)



Cyan (16%)

Magenta (18%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2844, 0.3270, 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 64.2844, 0.3270, 0.3474 by changing the saturation by 10% instead.

■ 64.2844, 0.3270,
0.3474

■ 64.2844, 0.3270,
0.3474

440.2159, 0.3203,
0.3387

■ 46.8811, 0.3286,
0.3495

■ 111.0204, 0.3246,
0.3443

■ 32.9416, 0.3305,
0.3520

141.1219, 0.3237,
0.3431

■ 22.0817, 0.3331,
0.3553

176.2248, 0.3229,
0.3421

■ 13.9170, 0.3364,
0.3597

216.7137, 0.3223,
0.3413

■ 8.0629, 0.3411,
0.3659

262.9728, 0.3217,
0.3405

■ 4.1352, 0.3480,
0.3752

315.3867, 0.3211,

■ 1.7495, 0.3593,

0.3398

0.3905

374.3396, 0.3207,
0.3392

0.4554, 0.4669,
0.5331

0.0000, 0.0000,
0.0000

64.2844, 0.3270,
0.3474

64.2844, 0.3270,
0.3474

61.3263, 0.3434,
0.3678

67.4421, 0.3117,
0.3277

58.5531, 0.3606,
0.3886

70.7970, 0.2977,
0.3092

55.9608, 0.3783,
0.4089

74.1508, 0.2868,
0.2950

53.5422, 0.3959,
0.4280

76.4432, 0.2870,
0.2996

■ 51.2894, 0.4128,
0.4448

■ 78.7928, 0.2872,
0.3041

■ 49.1936, 0.4282,
0.4584

■ 81.2000, 0.2874,
0.3086

■ 47.2449, 0.4413,
0.4678

■ 83.6653, 0.2876,
0.3131

■ 45.4316, 0.4516,
0.4726

■ 86.1889, 0.2878,
0.3175

■ 43.7347, 0.4593,
0.4732

■ 88.7713, 0.2880,
0.3219

Harmonies

Analogous

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



64.2844, 0.3329, 0.3430



64.2844, 0.3270, 0.3474



64.2844, 0.3173, 0.3467

Triad

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



64.2844, 0.3270, 0.3474



64.2844, 0.2926, 0.3224



64.2844, 0.3187, 0.3174

Complementary

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



64.2844, 0.3270, 0.3474



56.6882, 0.2983, 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.



64.2844, 0.3079, 0.3120



64.2844, 0.3270, 0.3474



64.2844, 0.2929, 0.3147

Square

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



64.2844, 0.3270, 0.3474



64.2844, 0.2975, 0.3321



64.2844, 0.2985, 0.3110



64.2844, 0.3281, 0.3258

Rectangle

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



64.2844, 0.3270, 0.3474



64.2844, 0.3101, 0.3435



64.2844, 0.2985, 0.3110



64.2844, 0.3151, 0.3152

Sweetspot

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



64.2872, 0.3270, 0.3474



98.5530, 0.3172, 0.3349



56.9480, 0.3259, 0.3244



21.0126, 0.3185, 0.3365



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.



64.2872, 0.3270, 0.3474



94.8256, 0.3298, 0.3510



65.3833, 0.3220, 0.3521



14.0820, 0.3271, 0.3476



26.5243, 0.4591, 0.4737



1.7088, 0.4509, 0.4802

Inverse Universe

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



56.6882, 0.2983, 0.3099



81.5448, 0.2954, 0.3060



55.7099, 0.3029, 0.3054



12.4035, 0.2982, 0.3097



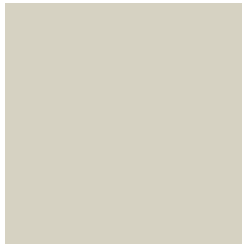
4.0717, 0.1556, 0.0802



0.3636, 0.1643, 0.1115

Previews

White Background



This preview shows how the Yxy color 64.2844, 0.3270, 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 64.2844, 0.3270, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

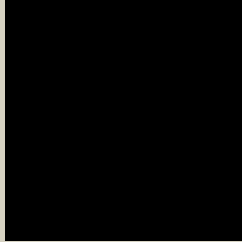
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

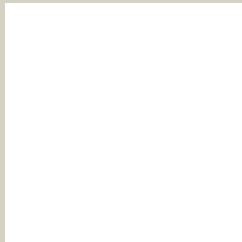
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2844, 0.3270, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 64.2844, 0.3270, 0.3474.



This preview shows how white text looks on a background with the Yxy color 64.2844, 0.3270, 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

64.2844, 0.3270, 0.3474

Protanopia

64.2029, 0.3302, 0.3473

Deuteranopia

63.8434, 0.3441, 0.3367



Tritanopia

64.3220, 0.3105, 0.3113

Trichromacy



Original Color

64.2844, 0.3270, 0.3474

Protanomaly

64.0501, 0.3294, 0.3473

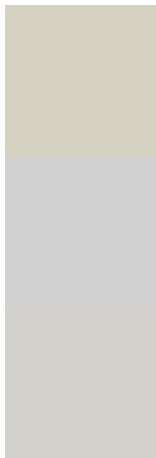
Deuteranomaly

63.9337, 0.3372, 0.3402

Tritanomaly

64.1308, 0.3168, 0.3234

Monochromacy



Original Color

64.2844, 0.3270, 0.3474

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.8094, 0.3177, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2844, 0.3270, 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(214, 210, 194) looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 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(214, 210, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 194) }
```

Border

The CSS property to change the border of an element to Yxy 64.2844, 0.3270, 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(214, 210, 194) }
```

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

```
.border{ border-color:rgb(214, 210, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 210, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2844, 0.3270, 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(214, 210, 194) }
```

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

```
.background{ background-color: rgb(214,  
210, 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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