

Converting Colors

$Yxy(63.8474, 0.3236, 0.3443)$

Have a look what the booklet for
Yxy(63.8474, 0.3236, 0.3443)
contains.

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Color

Yxy(64.0758, 0.3240, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	D4D2C4
RGB	212, 210, 196
RGB Percent	83%, 82%, 77%
CMY	0.1687, 0.1764, 0.2313
CMYK	0.00, 0.01, 0.08, 0.17
HSL	53°, 16%, 80%
HSV	53°, 8%, 83%
XYZ	60.1581, 64.0758, 61.4392
YIQ	209.0020, 5.6860, -3.9300

Conversions

Conversions Part 2

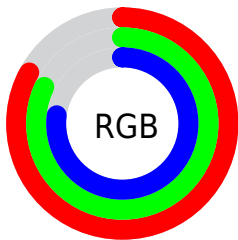
Format	Color
RYB	198, 212, 196
Decimal	13947588
CIELab	84.01, -1.76, 7.15
CIELCh	84, 7.368, 103.841
Yxy	64.0758, 0.3240, 0.3451
Android (android.graphics.Color)	4292137668 (0xFFD4D2C4)
YUV	209.0020, -6.4100, 2.6292
Hunter-Lab	80.0474, -5.9345, 10.5259

Details

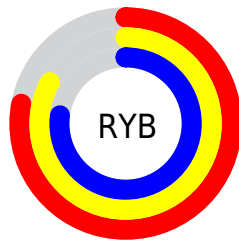
The Yxy color **64.0758, 0.3240, 0.3451** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8758, 0.3012, 0.3124**, and the grayscale version is **63.8020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **32.8980, 0.3267, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **61.9038, 0.3398, 0.3672**, and if you desaturate by 10%, it is **66.4107, 0.3091, 0.3238**.

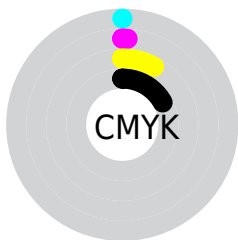
Distribution



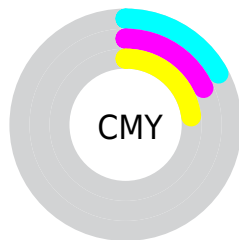
- Red (83%)
- Green (82%)
- Blue (77%)



- Red (78%)
- Yellow (83%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (8%)
- Black (17%)



- Cyan (17%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0758, 0.3240, 0.3451 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 64.0758, 0.3240, 0.3451 by changing the saturation by 10% instead.

■ 64.0758, 0.3240,
0.3451

■ 64.0758, 0.3240,
0.3451

439.4633, 0.3187,
0.3375

■ 46.7121, 0.3252,
0.3469

110.7201, 0.3221,
0.3424

■ 32.8081, 0.3268,
0.3492

140.7694, 0.3214,
0.3414

■ 21.9795, 0.3288,
0.3521

175.8161, 0.3208,
0.3405

■ 13.8418, 0.3314,
0.3559

216.2445, 0.3203,
0.3397

■ 8.0107, 0.3351,
0.3614

262.4391, 0.3198,
0.3390

■ 4.1018, 0.3406,
0.3696

314.7841, 0.3194,

■ 1.7307, 0.3496,

0.3384

373.6641, 0.3190,
0.3379

0.3833

0.4434, 0.4605,
0.5395

0.0000, 0.0000,
0.0000

64.0758, 0.3240,
0.3451

64.0758, 0.3240,
0.3451

61.9038, 0.3398,
0.3672

66.4107, 0.3091,
0.3238

59.8806, 0.3561,
0.3896

68.9057, 0.2953,
0.3037

58.0027, 0.3726,
0.4116

71.2672, 0.2853,
0.2895

56.2636, 0.3887,
0.4323

72.6281, 0.2854,
0.2924

■ 54.6558, 0.4037,
0.4507

■ 74.0104, 0.2855,
0.2952

■ 53.1715, 0.4170,
0.4659

■ 75.4140, 0.2857,
0.2980

■ 51.8014, 0.4280,
0.4771

■ 76.8392, 0.2858,
0.3008

■ 50.5350, 0.4362,
0.4838

■ 78.2861, 0.2859,
0.3036

■ 49.3575, 0.4418,
0.4862

■ 79.7546, 0.2861,
0.3064

Harmonies

Analogous

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



64.0758, 0.3297, 0.3420



64.0758, 0.3240, 0.3451



64.0758, 0.3153, 0.3438

Triad

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



64.0758, 0.3240, 0.3451



64.0758, 0.2950, 0.3221



64.0758, 0.3193, 0.3199

Complementary

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



64.0758, 0.3240, 0.3451



56.8758, 0.3012, 0.3124

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.



64.0758, 0.3099, 0.3147



64.0758, 0.3240, 0.3451



64.0758, 0.2960, 0.3159

Square

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



64.0758, 0.3240, 0.3451



64.0758, 0.2987, 0.3304



64.0758, 0.3014, 0.3133



64.0758, 0.3269, 0.3274

Rectangle

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



64.0758, 0.3240, 0.3451



64.0758, 0.3091, 0.3406



64.0758, 0.3014, 0.3133



64.0758, 0.3162, 0.3178

Sweetspot

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



64.0786, 0.3240, 0.3451



99.2765, 0.3157, 0.3333



57.5710, 0.3239, 0.3266



21.2569, 0.3155, 0.3331



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.



64.0786, 0.3240, 0.3451



96.8220, 0.3264, 0.3485



64.1995, 0.3194, 0.3476



14.2472, 0.3269, 0.3493



30.4045, 0.4426, 0.4868



1.9087, 0.4380, 0.4904

Inverse Universe

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



56.8758, 0.3012, 0.3124



83.7273, 0.2987, 0.3087



56.7850, 0.3057, 0.3103



12.2522, 0.2981, 0.3079



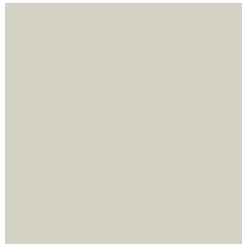
3.4711, 0.1527, 0.0697



0.2927, 0.1592, 0.0931

Previews

White Background



This preview shows how the Yxy color 64.0758, 0.3240, 0.3451 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 64.0758, 0.3240, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

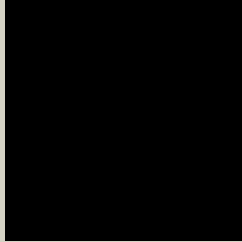
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

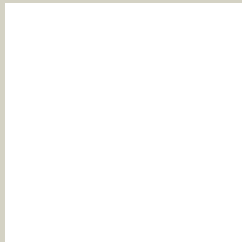
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0758, 0.3240, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 64.0758, 0.3240, 0.3451.



This preview shows how white text looks on a background with the Yxy color 64.0758, 0.3240, 0.3451.

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

64.0758, 0.3240, 0.3451

Protanopia

64.1400, 0.3280, 0.3450

Deuteranopia

63.8107, 0.3410, 0.3335



Tritanopia

64.0155, 0.3091, 0.3112

Trichromacy



Original Color

64.0758, 0.3240, 0.3451

Protanomaly

63.9881, 0.3272, 0.3450

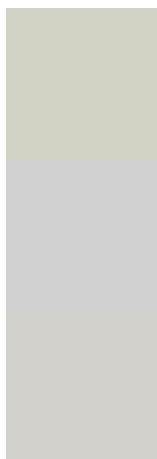
Deuteranomaly

63.8626, 0.3349, 0.3380

Tritanomaly

63.8768, 0.3145, 0.3223

Monochromacy



Original Color

64.0758, 0.3240, 0.3451

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6622, 0.3170, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0758, 0.3240, 0.3451 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(212, 210, 196)` looks like.

```
.text, #text, p{  
    color:rgb(212, 210, 196)  
}
```

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(212, 210, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 210, 196) }
```

Border

The CSS property to change the border of an element to Yxy 64.0758, 0.3240, 0.3451 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(212, 210, 196) }
```

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

```
.border{ border-color:rgb(212, 210, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 210, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 210, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 210, 196);  
box-shadow:4px 4px 4px 4px rgb(212, 210,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0758, 0.3240, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 210, 196) }
```

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

```
.background{ background-color: rgb(212,  
210, 196) }
```

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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