

Converting Colors

Yxy(64.0819, 0.3312, 0.3538)

Have a look what the booklet for
Yxy(64.0819, 0.3312, 0.3538)
contains.

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Color

Yxy(64.0202, 0.3313, 0.3544)

Conversions

Conversions Part 1

Format	Color
Hex	D6D2BC
RGB	214, 210, 188
RGB Percent	84%, 82%, 74%
CMY	0.1609, 0.1764, 0.2628
CMYK	0.00, 0.02, 0.12, 0.16
HSL	51°, 24%, 79%
HSV	51°, 12%, 84%
XYZ	59.8473, 64.0202, 56.7764
YIQ	208.6880, 9.4460, -5.9940

Conversions

Conversions Part 2

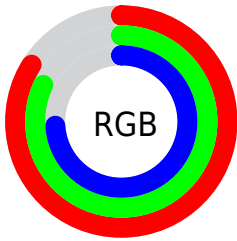
Format	Color
R _{YB}	193, 214, 188
Decimal	14078652
CIE Lab	83.98, -2.38, 11.40
CIE LCh	84, 11.641, 101.789
Yxy	64.0202, 0.3313, 0.3544
Android (android.graphics.Color)	4292268732 (0xFFD6D2BC)
YUV	208.6880, -10.1992, 4.6586
Hunter-Lab	80.0126, -6.5088, 13.9371

Details

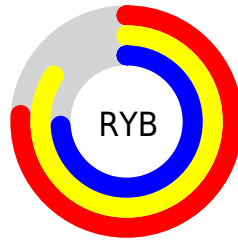
The Yxy color **64.0202, 0.3313, 0.3544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2196, 0.2937, 0.3023**, and the grayscale version is **63.6082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **32.8971, 0.3354, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **61.5766, 0.3476, 0.3761**, and if you desaturate by 10%, it is **66.6389, 0.3159, 0.3334**.

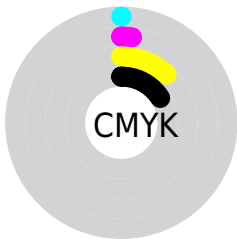
Distribution



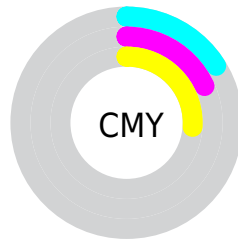
- Red (84%)
- Green (82%)
- Blue (74%)



- Red (76%)
- Yellow (84%)
- Blue (74%)



- Cyan (0%)
- Magenta (2%)
- Yellow (12%)
- Black (16%)





- Cyan (16%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.0202, 0.3313, 0.3544 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 64.0202, 0.3313, 0.3544 by changing the saturation by 10% instead.

 64.0202, 0.3313,
0.3544

 64.0202, 0.3313,
0.3544


439.2626, 0.3225,
0.3423

 46.6670, 0.3333,
0.3572


 110.6400, 0.3282,
0.3501

 32.7725, 0.3359,
0.3608


140.6755, 0.3270,
0.3485

 21.9522, 0.3392,
0.3654


175.7071, 0.3260,
0.3471

 13.8218, 0.3435,
0.3715

216.1194, 0.3251,
0.3459

 7.9968, 0.3495,
0.3801

262.2967, 0.3244,
0.3448

 4.0929, 0.3582,
0.3930

314.6234, 0.3237,

 1.7257, 0.3725,

0.3439

0.4143

373.4839, 0.3231,
0.3431

0.4402, 0.4501,
0.5499

0.0000, 0.0000,
0.0000

64.0202, 0.3313,
0.3544

64.0202, 0.3313,
0.3544

61.5766, 0.3476,
0.3761

66.6389, 0.3159,
0.3334

59.2936, 0.3644,
0.3978

69.4301, 0.3015,
0.3134

57.1672, 0.3813,
0.4187

72.4021, 0.2883,
0.2946

55.1903, 0.3977,
0.4381

74.3048, 0.2868,
0.2953

■ 53.3550, 0.4129,
0.4547

■ 76.0611, 0.2870,
0.2988

■ 51.6525, 0.4261,
0.4678

■ 77.8509, 0.2871,
0.3023

■ 50.0728, 0.4368,
0.4766

■ 79.6746, 0.2873,
0.3058

■ 48.6038, 0.4447,
0.4808

■ 81.5322, 0.2874,
0.3092

■ 47.5105, 0.4493,
0.4815

■ 83.4240, 0.2876,
0.3127

Harmonies

Analogous

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



64.0202, 0.3400, 0.3488



64.0202, 0.3313, 0.3544



64.0202, 0.3178, 0.3530

Triad

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



64.0202, 0.3313, 0.3544



64.0202, 0.2851, 0.3188



64.0202, 0.3220, 0.3140

Complementary

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



64.0202, 0.3313, 0.3544



53.2196, 0.2937, 0.3023

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.



64.0202, 0.3072, 0.3063



64.0202, 0.3313, 0.3544



64.0202, 0.2861, 0.3088

Square

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



64.0202, 0.3313, 0.3544



64.0202, 0.2912, 0.3321



64.0202, 0.2941, 0.3044



64.0202, 0.3346, 0.3255

Rectangle

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



64.0202, 0.3313, 0.3544



64.0202, 0.3079, 0.3482



64.0202, 0.2941, 0.3044



64.0202, 0.3171, 0.3109

Sweetspot

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



64.0230, 0.3313, 0.3544



98.3745, 0.3187, 0.3373



54.0758, 0.3310, 0.3240



20.9918, 0.3199, 0.3389



0.0000, 0.0000, 0.0000



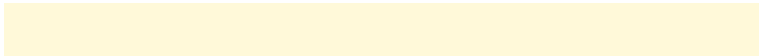
21.4041, 0.3127, 0.3290

Same Dimension

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



64.0230, 0.3313, 0.3544



94.1207, 0.3361, 0.3609



64.7301, 0.3241, 0.3594



14.1831, 0.3270, 0.3486



28.8501, 0.4488, 0.4819



1.8292, 0.4429, 0.4866

Inverse Universe

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



53.2196, 0.2937, 0.3023



74.4782, 0.2886, 0.2950



52.6414, 0.3003, 0.2980



12.3106, 0.2982, 0.3086



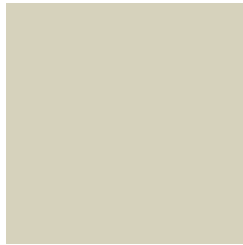
3.6728, 0.1537, 0.0733



0.3201, 0.1612, 0.1004

Previews

White Background



This preview shows how the Yxy color 64.0202, 0.3313, 0.3544 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 64.0202, 0.3313, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

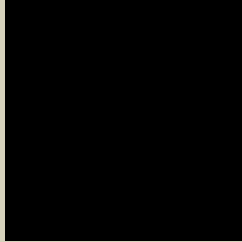
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

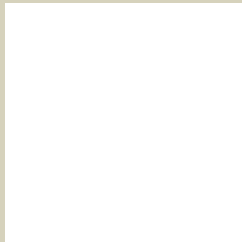
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0202, 0.3313, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 64.0202, 0.3313, 0.3544.



This preview shows how white text looks on a background with the Yxy color 64.0202, 0.3313, 0.3544.

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

64.0202, 0.3313, 0.3544

Protanopia

64.0942, 0.3353, 0.3542

Deuteranopia

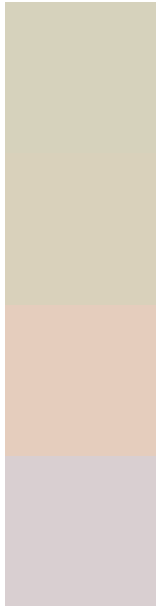
63.9633, 0.3496, 0.3422



Tritanopia

63.9432, 0.3120, 0.3113

Trichromacy



Original Color

64.0202, 0.3313, 0.3544

Protanomaly

63.9405, 0.3345, 0.3542

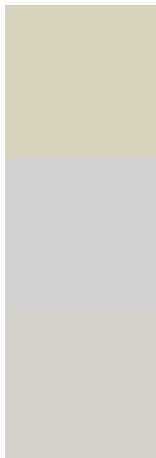
Deuteranomaly

63.9948, 0.3433, 0.3469

Tritanomaly

63.9808, 0.3189, 0.3268

Monochromacy



Original Color

64.0202, 0.3313, 0.3544

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6669, 0.3198, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0202, 0.3313, 0.3544 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, 188)` looks like.

```
.text, #text, p{  
    color:rgb(214, 210, 188)  
}
```

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, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 210, 188) }
```

Border

The CSS property to change the border of an element to Yxy 64.0202, 0.3313, 0.3544 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, 188) }
```

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

```
.border{ border-color:rgb(214, 210, 188) }
```

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, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 210, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 210, 188);  
box-shadow:4px 4px 4px 4px rgb(214, 210,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0202, 0.3313, 0.3544 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, 188) }
```

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

```
.background{ background-color: rgb(214,  
210, 188) }
```

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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