

Converting Colors

$Yxy(63.5226, 0.3275, 0.3325)$

Have a look what the booklet for
Yxy(63.5226, 0.3275, 0.3325)
contains.

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Color

Yxy(63.4565, 0.3280, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	DECDCA
RGB	222, 205, 202
RGB Percent	87%, 80%, 79%
CMY	0.1294, 0.1961, 0.2078
CMYK	0.00, 0.08, 0.09, 0.13
HSL	9°, 23%, 83%
HSV	9°, 9%, 87%
XYZ	62.6165, 63.4565, 64.8310
YIQ	209.7410, 11.0950, 2.6710

Conversions

Conversions Part 2

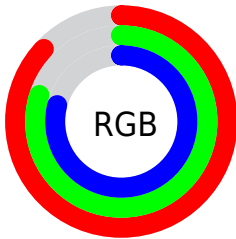
Format	Color
R _Y B	222, 206, 202
Decimal	14601674
CIE Lab	83.68, 5.40, 3.61
CIE LCh	84, 6.496, 33.756
Yxy	63.4565, 0.3280, 0.3324
Android (android.graphics.Color)	4292791754 (0xFFDECDCA)
YUV	209.7410, -3.8163, 10.7511
Hunter-Lab	79.6596, 0.9059, 7.5085

Details

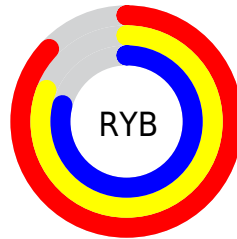
The Yxy color $63.4565, 0.3280, 0.3324$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $68.4972, 0.2989, 0.3256$, and the grayscale version is $64.2919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.4868, 0.3321, 0.3335$ is the 20% darker color. If you saturate the color by 10%, you get $53.9900, 0.3485, 0.3364$, and if you desaturate by 10%, it is $74.1691, 0.3112, 0.3286$.

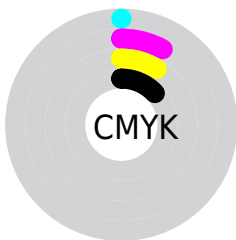
Distribution



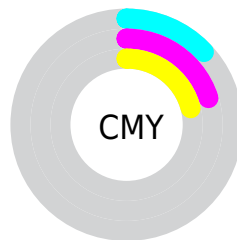
- Red (87%)
- Green (80%)
- Blue (79%)



- Red (87%)
- Yellow (81%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (9%)
- Black (13%)



- Cyan (13%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.4565, 0.3280, 0.3324 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 63.4565, 0.3280, 0.3324 by changing the saturation by 10% instead.

■ 63.4565, 0.3280,
0.3324

■ 63.4565, 0.3280,
0.3324

437.2243, 0.3207,
0.3308

■ 46.2106, 0.3297,
0.3328

109.8278, 0.3254,
0.3319

■ 32.4121, 0.3319,
0.3332

139.7221, 0.3244,
0.3316

■ 21.6764, 0.3346,
0.3337

174.6012, 0.3236,
0.3315

■ 13.6193, 0.3383,
0.3345

214.8497, 0.3229,
0.3313

■ 7.8564, 0.3436,
0.3354

260.8518, 0.3222,
0.3312

■ 4.0032, 0.3514,
0.3368

312.9920, 0.3217,

■ 1.6753, 0.3647,

0.3310

0.3389

371.6547, 0.3212,
0.3309

0.4076, 0.4643,
0.3645

0.0000, 0.0000,
0.0000

63.4565, 0.3280,
0.3324

63.4565, 0.3280,
0.3324

53.9900, 0.3485,
0.3364

74.1691, 0.3112,
0.3286

45.7163, 0.3735,
0.3407

86.1621, 0.2974,
0.3252

38.5904, 0.4037,
0.3448

94.2694, 0.2929,
0.3289

32.5613, 0.4393,
0.3486

■ 27.5742, 0.4799,
0.3514

■ 23.5696, 0.5234,
0.3525

■ 20.4817, 0.5656,
0.3510

■ 18.2365, 0.6011,
0.3468

■ 16.7444, 0.6253,
0.3406

Harmonies

Analogous

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



63.4565, 0.3233, 0.3252



63.4565, 0.3280, 0.3324



63.4565, 0.3285, 0.3388

Triad

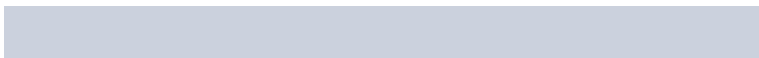
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.4565, 0.3280, 0.3324



63.4565, 0.3095, 0.3393



63.4565, 0.3007, 0.3155

Complementary

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



63.4565, 0.3280, 0.3324



68.4972, 0.2989, 0.3256

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.



63.4565, 0.2972, 0.3190



63.4565, 0.3280, 0.3324



63.4565, 0.3022, 0.3328

Square

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



63.4565, 0.3280, 0.3324



63.4565, 0.3178, 0.3429



63.4565, 0.2977, 0.3253



63.4565, 0.3075, 0.3155

Rectangle

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



63.4565, 0.3280, 0.3324



63.4565, 0.3265, 0.3418



63.4565, 0.2977, 0.3253



63.4565, 0.2991, 0.3163

Sweetspot

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



63.4593, 0.3280, 0.3324



95.4373, 0.3175, 0.3301



62.9076, 0.3157, 0.3099



20.1722, 0.3189, 0.3304



0.0000, 0.0000, 0.0000



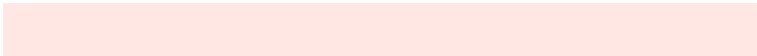
21.4041, 0.3127, 0.3290

Same Dimension

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



63.4593, 0.3280, 0.3324



84.0403, 0.3319, 0.3332



68.2270, 0.3269, 0.3431



14.0302, 0.3288, 0.3326



9.9791, 0.6254, 0.3416



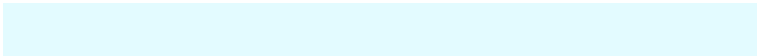
0.7969, 0.5995, 0.3622

Inverse Universe

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



68.4972, 0.2989, 0.3256



92.4109, 0.2957, 0.3247



63.5997, 0.2988, 0.3145



15.2041, 0.2982, 0.3254



24.8149, 0.2114, 0.2809



1.8163, 0.2136, 0.2890

Previews

White Background



This preview shows how the Yxy color 63.4565, 0.3280, 0.3324 looks on a white background.

Color Contrast Check

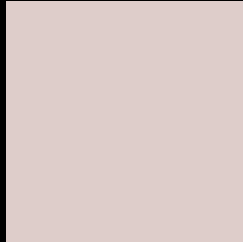
Large Text (above 18pt) WCAG AA × Fail

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 63.4565, 0.3280, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

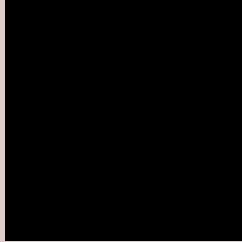
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.4565, 0.3280, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 63.4565, 0.3280, 0.3324.



This preview shows how white text looks on a background with the Yxy color 63.4565, 0.3280, 0.3324.

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

63.4565, 0.3280, 0.3324

Protanopia

63.6175, 0.3193, 0.3336

Deuteranopia

63.5418, 0.3347, 0.3280



Tritanopia

63.1503, 0.3181, 0.3114

Trichromacy



Original Color

63.4565, 0.3280, 0.3324

Protanomaly

63.5364, 0.3224, 0.3336

Deuteranomaly

63.5176, 0.3322, 0.3291

Tritanomaly

63.1533, 0.3217, 0.3190

Monochromacy



Original Color

63.4565, 0.3280, 0.3324

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

63.9129, 0.3179, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.4565, 0.3280, 0.3324 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(222, 205, 202)` looks like.

```
.text, #text, p{  
    color:rgb(222, 205, 202)  
}
```

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(222, 205, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 205, 202) }
```

Border

The CSS property to change the border of an element to Yxy 63.4565, 0.3280, 0.3324 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(222, 205, 202) }
```

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

```
.border{ border-color:rgb(222, 205, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 205, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 205, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 205, 202);  
box-shadow:4px 4px 4px 4px rgb(222, 205,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 63.4565, 0.3280, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 205, 202) }
```

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

```
.background{ background-color: rgb(222,  
205, 202) }
```

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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