

Converting Colors

$Y_{xy}(63.1975, 0.3283, 0.3302)$

Have a look what the booklet for
Yxy(63.1975, 0.3283, 0.3302)
contains.

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Color

Yxy(63.1855, 0.3282, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	DFCCCB
RGB	223, 204, 203
RGB Percent	87%, 80%, 80%
CMY	0.1255, 0.2000, 0.2040
CMYK	0.00, 0.09, 0.09, 0.13
HSL	3°, 24%, 84%
HSV	3°, 9%, 87%
XYZ	62.8028, 63.1855, 65.3669
YIQ	209.5670, 11.6450, 3.7170

Conversions

Conversions Part 2

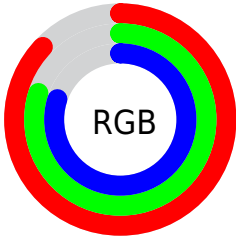
Format	Color
R _Y B	223, 204, 203
Decimal	14666955
CIE Lab	83.54, 6.44, 2.90
CIE LCh	84, 7.067, 24.244
Yxy	63.1855, 0.3282, 0.3302
Android (android.graphics.Color)	4292857035 (0xFFDFCCCB)
YUV	209.5670, -3.2375, 11.7807
Hunter-Lab	79.4893, 1.9227, 6.8862

Details

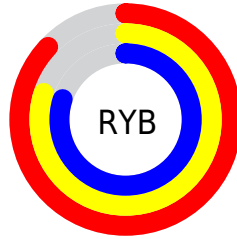
The Yxy color **63.1855, 0.3282, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.2499, 0.2989, 0.3278**, and the grayscale version is **64.1673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.3074, 0.3323, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **52.8197, 0.3494, 0.3316**, and if you desaturate by 10%, it is **75.0750, 0.3111, 0.3289**.

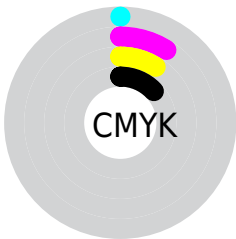
Distribution



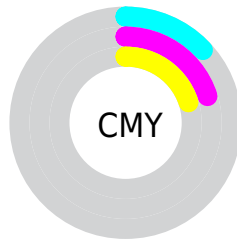
- Red (87%)
- Green (80%)
- Blue (80%)



- Red (87%)
- Yellow (80%)
- Blue (80%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.1855, 0.3282, 0.3302 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 63.1855, 0.3282, 0.3302 by changing the saturation by 10% instead.

 63.1855, 0.3282,
0.3302

 63.1855, 0.3282,
0.3302


436.2424, 0.3208,
0.3297

 45.9913, 0.3299,
0.3303


109.4371, 0.3256,
0.3300

 32.2390, 0.3321,
0.3304


139.2633, 0.3246,
0.3300

 21.5441, 0.3349,
0.3306

174.0689, 0.3237,
0.3299

 13.5223, 0.3387,
0.3308

214.2383, 0.3230,
0.3298

 7.7892, 0.3440,
0.3310

260.1560, 0.3224,
0.3298

 3.9603, 0.3520,
0.3313

312.2063, 0.3218,

 1.6514, 0.3655,

0.3298

0.3316

370.7736, 0.3213,
0.3297

0.3919, 0.4625,
0.3421

0.0000, 0.0000,
0.0000

63.1855, 0.3282,
0.3302

63.1855, 0.3282,
0.3302

52.8197, 0.3494,
0.3316

75.0750, 0.3111,
0.3289

43.9081, 0.3756,
0.3332

88.5375, 0.2974,
0.3277

36.3882, 0.4078,
0.3346

94.4295, 0.2935,
0.3289

30.1898, 0.4463,
0.3360

■ 25.2365, 0.4904,
0.3369

■ 21.4440, 0.5372,
0.3371

■ 18.7179, 0.5814,
0.3363

■ 16.9486, 0.6157,
0.3345

■ 15.9994, 0.6356,
0.3324

Harmonies

Analogous

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



63.1855, 0.3219, 0.3225



63.1855, 0.3282, 0.3302



63.1855, 0.3303, 0.3377

Triad

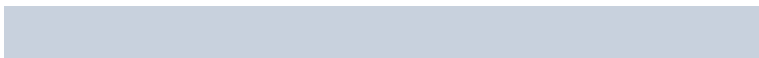
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.1855, 0.3282, 0.3302



63.1855, 0.3121, 0.3419



63.1855, 0.2980, 0.3151

Complementary

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



63.1855, 0.3282, 0.3302



70.2499, 0.2989, 0.3278

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.



63.1855, 0.2955, 0.3200



63.1855, 0.3282, 0.3302



63.1855, 0.3035, 0.3356

Square

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



63.1855, 0.3282, 0.3302



63.1855, 0.3209, 0.3446



63.1855, 0.2975, 0.3275



63.1855, 0.3044, 0.3139

Rectangle

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



63.1855, 0.3282, 0.3302



63.1855, 0.3290, 0.3416



63.1855, 0.2975, 0.3275



63.1855, 0.2966, 0.3163

Sweetspot

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



63.1883, 0.3282, 0.3302



94.9751, 0.3176, 0.3294



63.6620, 0.3145, 0.3081



20.0481, 0.3189, 0.3295



0.0000, 0.0000, 0.0000



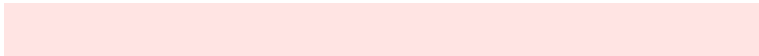
21.4041, 0.3127, 0.3290

Same Dimension

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



63.1883, 0.3282, 0.3302



82.5094, 0.3323, 0.3305



68.0890, 0.3270, 0.3412



13.8134, 0.3291, 0.3303



9.4215, 0.6361, 0.3331



0.6937, 0.6249, 0.3420

Inverse Universe

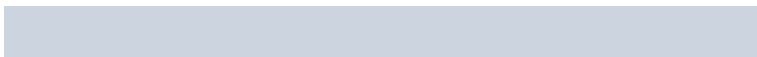
The Inverse Universe completely reimagines the original color for something new.



70.2499, 0.2989, 0.3278



94.1423, 0.2957, 0.3275



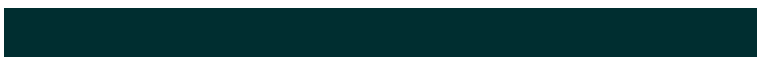
65.1018, 0.2989, 0.3164



15.4447, 0.2982, 0.3277



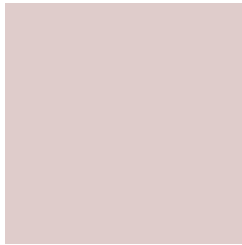
30.7213, 0.2203, 0.3129



2.1671, 0.2210, 0.3155

Previews

White Background



This preview shows how the Yxy color 63.1855, 0.3282, 0.3302 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 63.1855, 0.3282, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

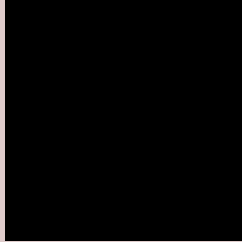
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

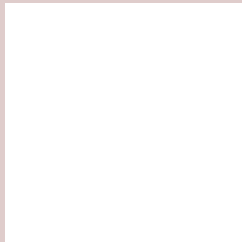
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.1855, 0.3282, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 63.1855, 0.3282, 0.3302.



This preview shows how white text looks on a background with the Yxy color 63.1855, 0.3282, 0.3302.

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

63.1855, 0.3282, 0.3302

Protanopia

63.1796, 0.3187, 0.3313

Deuteranopia

62.9081, 0.3341, 0.3269



Tritanopia

63.3106, 0.3189, 0.3115

Trichromacy



Original Color

63.1855, 0.3282, 0.3302

Protanomaly

63.2540, 0.3226, 0.3313

Deuteranomaly

62.8837, 0.3316, 0.3279

Tritanomaly

63.3633, 0.3217, 0.3180

Monochromacy



Original Color

63.1855, 0.3282, 0.3302

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.0638, 0.3187, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.1855, 0.3282, 0.3302 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(223, 204, 203)` looks like.

```
.text, #text, p{  
    color:rgb(223, 204, 203)  
}
```

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(223, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 204, 203) }
```

Border

The CSS property to change the border of an element to Yxy 63.1855, 0.3282, 0.3302 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(223, 204, 203) }
```

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

```
.border{ border-color:rgb(223, 204, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 204, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(223, 204,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 63.1855, 0.3282, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 204, 203) }
```

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

```
.background{ background-color: rgb(223,  
204, 203) }
```

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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