

Converting Colors

Yxy(64.0116, 0.3180, 0.3319)

Have a look what the booklet for
Yxy(64.0116, 0.3180, 0.3319)
contains.

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Color

Yxy(64.2033, 0.3178, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	D5D1CE
RGB	213, 209, 206
RGB Percent	84%, 82%, 81%
CMY	0.1647, 0.1804, 0.1921
CMYK	0.00, 0.02, 0.03, 0.16
HSL	26°, 8%, 82%
HSV	26°, 3%, 84%
XYZ	61.3833, 64.2033, 67.5641
YIQ	209.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

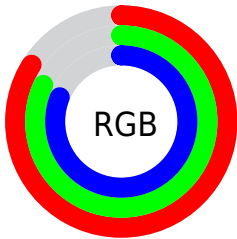
Format	Color
R_{YB}	213, 211, 206
Decimal	14012878
CIE _{Lab}	84.07, 0.85, 1.95
CIE _{LCh}	84, 2.125, 66.523
Yxy	64.2033, 0.3178, 0.3324
Android (android.graphics.Color)	4292202958 (0xFFD5D1CE)
YUV	209.8540, -1.9000, 2.7590
Hunter-Lab	80.1270, -3.4777, 6.0948

Details

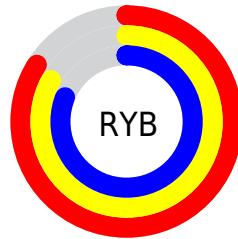
The Yxy color **64.2033, 0.3178, 0.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0320, 0.3077, 0.3256**, and the grayscale version is **64.3613, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9788, 0.3185, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **57.4801, 0.3350, 0.3433**, and if you desaturate by 10%, it is **71.5308, 0.3030, 0.3223**.

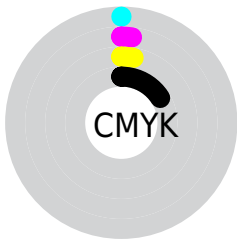
Distribution



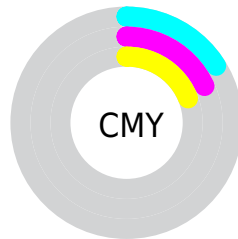
- Red (84%)
- Green (82%)
- Blue (81%)



- Red (84%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.2033, 0.3178, 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 64.2033, 0.3178, 0.3324 by changing the saturation by 10% instead.

■ 64.2033, 0.3178,
0.3324

■ 64.2033, 0.3178,
0.3324

439.9234, 0.3154,
0.3308

■ 46.8154, 0.3184,
0.3328

110.9037, 0.3170,
0.3318

■ 32.8897, 0.3191,
0.3332

140.9849, 0.3166,
0.3316

■ 22.0420, 0.3200,
0.3338

176.0660, 0.3163,
0.3314

■ 13.8877, 0.3212,
0.3346

216.5313, 0.3161,
0.3313

■ 8.0426, 0.3229,
0.3357

262.7654, 0.3159,
0.3311

■ 4.1222, 0.3254,
0.3374

315.1525, 0.3157,

■ 1.7422, 0.3297,

0.3310

374.0770, 0.3155,
0.3309

0.3402

0.4507, 0.3580,
0.3593

0.0000, 0.0000,
0.0000

64.2033, 0.3178,
0.3324

64.2033, 0.3178,
0.3324

57.4801, 0.3350,
0.3433

71.5308, 0.3030,
0.3223

51.3372, 0.3548,
0.3547

79.4696, 0.2903,
0.3129

45.7608, 0.3776,
0.3664

87.0380, 0.2873,
0.3192

40.7334, 0.4033,
0.3778

92.8860, 0.2877,
0.3289

■ 36.2366, 0.4318,
0.3882

■ 32.2510, 0.4622,
0.3965

■ 28.7554, 0.4932,
0.4014

■ 25.7269, 0.5227,
0.4017

■ 23.1396, 0.5485,
0.3966

Harmonies

Analogous

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



64.2033, 0.3178, 0.3304



64.2033, 0.3178, 0.3324



64.2033, 0.3165, 0.3335

Triad

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



64.2033, 0.3178, 0.3324



64.2033, 0.3091, 0.3300



64.2033, 0.3113, 0.3246

Complementary

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



64.2033, 0.3178, 0.3324



64.0320, 0.3077, 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.



64.2033, 0.3090, 0.3245



64.2033, 0.3178, 0.3324



64.2033, 0.3077, 0.3276

Square

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



64.2033, 0.3178, 0.3324



64.2033, 0.3115, 0.3322



64.2033, 0.3077, 0.3256



64.2033, 0.3140, 0.3259

Rectangle

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



64.2033, 0.3178, 0.3324



64.2033, 0.3150, 0.3336



64.2033, 0.3077, 0.3256



64.2033, 0.3104, 0.3245

Sweetspot

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



64.2061, 0.3178, 0.3324



98.9084, 0.3143, 0.3300



62.9579, 0.3151, 0.3244



21.1820, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



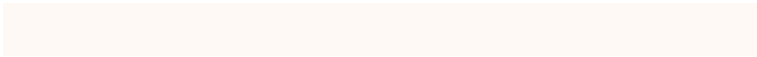
21.4041, 0.3127, 0.3290

Same Dimension

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



64.2061, 0.3178, 0.3324



95.6890, 0.3190, 0.3332



65.8994, 0.3175, 0.3363



13.9935, 0.3201, 0.3339



13.4043, 0.5610, 0.3928



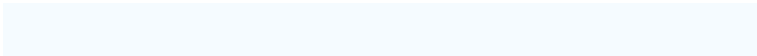
0.9708, 0.5306, 0.4169

Inverse Universe

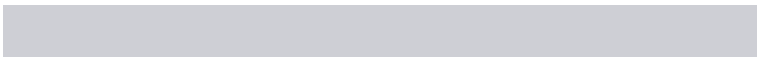
The Inverse Universe completely reimagines the original color for something new.



64.0320, 0.3077, 0.3256



95.3678, 0.3066, 0.3248



62.3639, 0.3078, 0.3216



13.9385, 0.3055, 0.3240



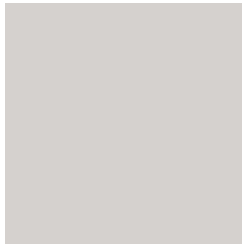
11.6446, 0.1843, 0.1836



0.8651, 0.1920, 0.2112

Previews

White Background



This preview shows how the Yxy color 64.2033, 0.3178, 0.3324 looks on a white background.

Color Contrast Check

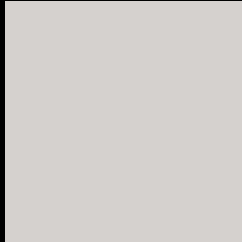
Large Text (above 18pt) WCAG AA × Fail

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 64.2033, 0.3178, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

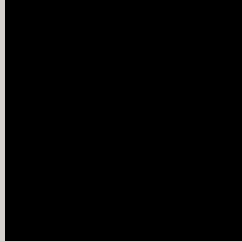
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

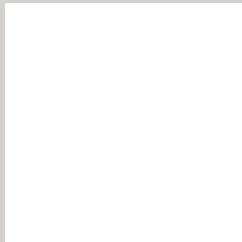
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.2033, 0.3178, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 64.2033, 0.3178, 0.3324.

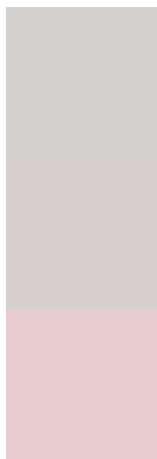


This preview shows how white text looks on a background with the Yxy color 64.2033, 0.3178, 0.3324.

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

64.2033, 0.3178, 0.3324

Protanopia

64.3533, 0.3186, 0.3324

Deuteranopia

64.2058, 0.3316, 0.3247



Tritanopia

63.9174, 0.3076, 0.3101

Trichromacy



Original Color

64.2033, 0.3178, 0.3324

Protanomaly

64.3533, 0.3186, 0.3324

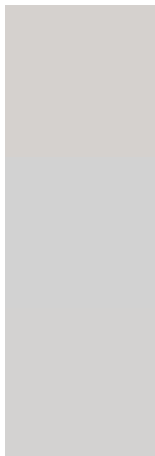
Deuteranomaly

64.0149, 0.3259, 0.3268

Tritanomaly

63.9315, 0.3110, 0.3178

Monochromacy



Original Color

64.2033, 0.3178, 0.3324

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.5455, 0.3142, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.2033, 0.3178, 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(213, 209, 206) looks like.

```
.text, #text, p{  
    color:rgb(213, 209, 206)  
}
```

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(213, 209, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 209, 206) }
```

Border

The CSS property to change the border of an element to Yxy 64.2033, 0.3178, 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(213, 209, 206) }
```

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

```
.border{ border-color:rgb(213, 209, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 209, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 209, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 209, 206);  
box-shadow:4px 4px 4px 4px rgb(213, 209,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 64.2033, 0.3178, 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(213, 209, 206) }
```

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

```
.background{ background-color: rgb(213,  
209, 206) }
```

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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