

Converting Colors

Yxy(63.2502, 0.3181, 0.3363)

Have a look what the booklet for
Yxy(63.2502, 0.3181, 0.3363)
contains.

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Color

Yxy(63.0777, 0.3184, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	D2D0CA
RGB	210, 208, 202
RGB Percent	82%, 82%, 79%
CMY	0.1766, 0.1843, 0.2077
CMYK	0.00, 0.01, 0.04, 0.18
HSL	45°, 8%, 81%
HSV	45°, 4%, 82%
XYZ	59.7914, 63.0777, 64.9180
YIQ	207.9140, 3.1180, -1.4420

Conversions

Conversions Part 2

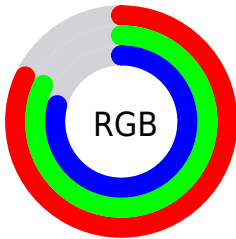
Format	Color
R _Y B	205, 210, 202
Decimal	13816010
CIE Lab	83.48, -0.39, 3.19
CIE LCh	83, 3.215, 96.908
Yxy	63.0777, 0.3184, 0.3359
Android (android.graphics.Color)	4292006090 (0xFFD2D0CA)
YUV	207.9140, -2.9156, 1.8294
Hunter-Lab	79.4215, -4.6062, 7.1322

Details

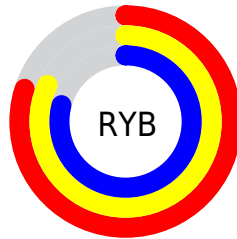
The Yxy color $63.0777, 0.3184, 0.3359$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.3934, 0.3070, 0.3220$, and the grayscale version is $63.0358, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.3172, 0.3203, 0.3382$ is the 20% darker color. If you saturate the color by 10%, you get $59.6653, 0.3343, 0.3548$, and if you desaturate by 10%, it is $66.7136, 0.3038, 0.3180$.

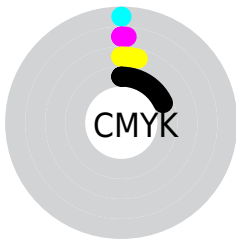
Distribution



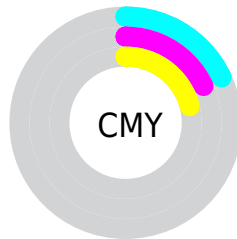
- Red (82%)
- Green (82%)
- Blue (79%)



- Red (80%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.0777, 0.3184, 0.3359 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 63.0777, 0.3184, 0.3359 by changing the saturation by 10% instead.

■ 63.0777, 0.3184,
0.3359

■ 63.0777, 0.3184,
0.3359

435.8514, 0.3157,
0.3326

■ 45.9041, 0.3190,
0.3367

109.2816, 0.3175,
0.3347

■ 32.1701, 0.3198,
0.3376

139.0807, 0.3171,
0.3343

■ 21.4915, 0.3208,
0.3389

173.8570, 0.3168,
0.3339

■ 13.4837, 0.3222,
0.3405

213.9950, 0.3165,
0.3336

■ 7.7625, 0.3241,
0.3429

259.8790, 0.3163,
0.3333

■ 3.9433, 0.3270,
0.3464

311.8935, 0.3161,

■ 1.6419, 0.3318,

0.3331

370.4228, 0.3159,
0.3328

0.3523

0.3856, 0.3801,
0.4105

0.0000, 0.0000,
0.0000

63.0777, 0.3184,
0.3359

63.0777, 0.3184,
0.3359

59.6653, 0.3343,
0.3548

66.7136, 0.3038,
0.3180

56.4619, 0.3515,
0.3742

70.5706, 0.2906,
0.3012

53.4637, 0.3696,
0.3938

73.9947, 0.2843,
0.2956

50.6637, 0.3884,
0.4127

76.8169, 0.2846,
0.3012

■ 48.0543, 0.4070,
0.4301

■ 79.7247, 0.2849,
0.3068

■ 45.6271, 0.4249,
0.4449

■ 82.7188, 0.2852,
0.3123

■ 43.3731, 0.4412,
0.4560

■ 85.8001, 0.2854,
0.3178

■ 41.2816, 0.4550,
0.4627

■ 88.9691, 0.2857,
0.3232

■ 39.3402, 0.4658,
0.4645

■ 92.2266, 0.2860,
0.3286

Harmonies

Analogous

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



63.0777, 0.3204, 0.3342



63.0777, 0.3184, 0.3359



63.0777, 0.3148, 0.3358

Triad

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



63.0777, 0.3184, 0.3359



63.0777, 0.3051, 0.3269



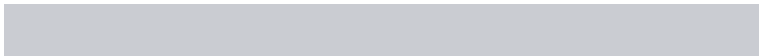
63.0777, 0.3147, 0.3243

Complementary

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



63.0777, 0.3184, 0.3359



60.3934, 0.3070, 0.3220

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.



63.0777, 0.3106, 0.3224



63.0777, 0.3184, 0.3359



63.0777, 0.3051, 0.3238

Square

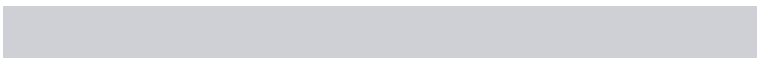
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.0777, 0.3184, 0.3359



63.0777, 0.3072, 0.3305



63.0777, 0.3071, 0.3222



63.0777, 0.3183, 0.3275

Rectangle

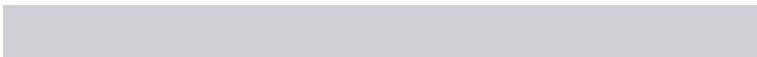
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.0777, 0.3184, 0.3359



63.0777, 0.3121, 0.3346



63.0777, 0.3071, 0.3222



63.0777, 0.3133, 0.3235

Sweetspot

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



63.0804, 0.3184, 0.3359



99.4358, 0.3142, 0.3308



60.3126, 0.3174, 0.3267



21.2893, 0.3141, 0.3307



0.0000, 0.0000, 0.0000



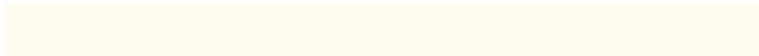
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0804, 0.3184, 0.3359



97.2137, 0.3204, 0.3383



63.7532, 0.3167, 0.3382



13.5639, 0.3213, 0.3394



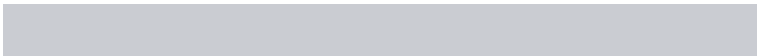
23.4712, 0.4705, 0.4646



1.4331, 0.4592, 0.4736

Inverse Universe

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



60.3934, 0.3070, 0.3220



91.6874, 0.3051, 0.3196



59.7459, 0.3086, 0.3197



12.7038, 0.3042, 0.3184



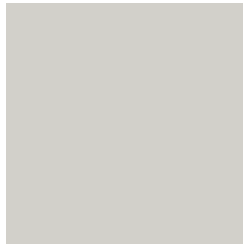
4.4628, 0.1581, 0.0892



0.3774, 0.1682, 0.1254

Previews

White Background



This preview shows how the Yxy color 63.0777, 0.3184, 0.3359 looks on a white background.

Color Contrast Check

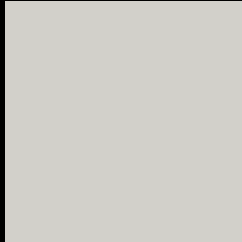
Large Text (above 18pt) WCAG AA × Fail

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 63.0777, 0.3184, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

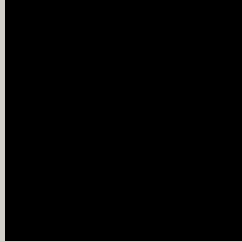
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

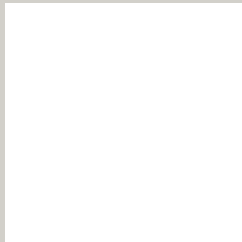
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0777, 0.3184, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 63.0777, 0.3184, 0.3359.

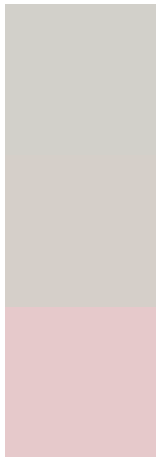


This preview shows how white text looks on a background with the Yxy color 63.0777, 0.3184, 0.3359.

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

63.0777, 0.3184, 0.3359

Protanopia

62.9888, 0.3215, 0.3359

Deuteranopia

62.9081, 0.3341, 0.3269



Tritanopia

63.0292, 0.3076, 0.3110

Trichromacy



Original Color

63.0777, 0.3184, 0.3359

Protanomaly

62.8397, 0.3208, 0.3359

Deuteranomaly

63.1855, 0.3282, 0.3302

Tritanomaly

62.9947, 0.3116, 0.3199

Monochromacy



Original Color

63.0777, 0.3184, 0.3359

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.1233, 0.3149, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0777, 0.3184, 0.3359 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(210, 208, 202) looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 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(210, 208, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 202) }
```

Border

The CSS property to change the border of an element to Yxy 63.0777, 0.3184, 0.3359 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(210, 208, 202) }
```

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

```
.border{ border-color:rgb(210, 208, 202) }
```

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

Here you see how a box with a 4 pixel rgb(210, 208, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 208, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 208, 202);  
box-shadow:4px 4px 4px 4px rgb(210, 208,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0777, 0.3184, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 208, 202) }
```

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

```
.background{ background-color: rgb(210,  
208, 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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