

Converting Colors

$Yxy(63.8851, 0.3055, 0.3267)$

Have a look what the booklet for
Yxy(63.8851, 0.3055, 0.3267)
contains.

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Color

Yxy(64.0891, 0.3055, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	CBD3D5
RGB	203, 211, 213
RGB Percent	80%, 83%, 84%
CMY	0.2039, 0.1725, 0.1648
CMYK	0.05, 0.01, 0.00, 0.16
HSL	192°, 11%, 82%
HSV	192°, 5%, 84%
XYZ	59.9303, 64.0891, 72.1517
YIQ	208.8360, -5.4100, -1.0740

Conversions

Conversions Part 2

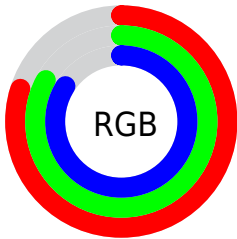
Format	Color
R _Y B	203, 207, 213
Decimal	13358037
CIE Lab	84.01, -2.34, -1.93
CIE LCh	84, 3.029, 219.577
Yxy	64.0891, 0.3055, 0.3267
Android (android.graphics.Color)	4291548117 (0xFFCBD3D5)
YUV	208.8360, 2.0529, -5.1182
Hunter-Lab	80.0557, -6.4710, 2.6027

Details

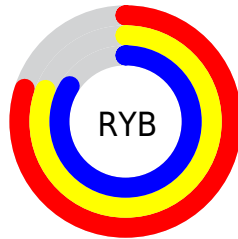
The Yxy color **64.0891, 0.3055, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.1052, 0.3203, 0.3313**, and the grayscale version is **63.6376, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **32.9721, 0.3041, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **59.2369, 0.2903, 0.3214**, and if you desaturate by 10%, it is **69.4125, 0.3209, 0.3315**.

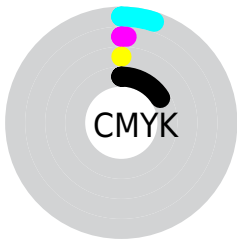
Distribution



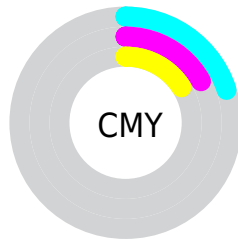
- Red (80%)
- Green (83%)
- Blue (84%)



- Red (80%)
- Yellow (81%)
- Blue (84%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (17%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.0891, 0.3055, 0.3267 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 64.0891, 0.3055, 0.3267 by changing the saturation by 10% instead.

■ 64.0891, 0.3055,
0.3267

■ 64.0891, 0.3055,
0.3267

439.5113, 0.3089,
0.3278

■ 46.7228, 0.3047,
0.3264

110.7392, 0.3067,
0.3271

■ 32.8166, 0.3037,
0.3261

140.7919, 0.3072,
0.3272

■ 21.9860, 0.3024,
0.3257

175.8422, 0.3076,
0.3274

■ 13.8466, 0.3007,
0.3251

216.2745, 0.3079,
0.3275

■ 8.0141, 0.2983,
0.3243

262.4731, 0.3082,
0.3276

■ 4.1039, 0.2948,
0.3231

314.8225, 0.3085,

■ 1.7319, 0.2889,

0.3277

0.3210

373.7071, 0.3087,
0.3277

■ 0.4442, 0.2557,
0.3111

■ 0.0000, 0.0000,
0.0000

■ 64.0891, 0.3055,
0.3267

■ 64.0891, 0.3055,
0.3267

■ 59.2369, 0.2903,
0.3214

■ 69.4125, 0.3209,
0.3315

■ 54.8306, 0.2755,
0.3157

■ 75.2150, 0.3362,
0.3357

■ 50.8547, 0.2614,
0.3095

■ 79.1890, 0.3425,
0.3398

■ 47.2898, 0.2484,
0.3030

■ 81.4785, 0.3418,
0.3440

■ 44.1146, 0.2368,
0.2961

■ 83.8245, 0.3411,
0.3482

■ 41.3056, 0.2269,
0.2890

■ 86.2275, 0.3405,
0.3523

■ 38.8365, 0.2187,
0.2818

■ 88.6878, 0.3398,
0.3564

■ 36.6771, 0.2126,
0.2745

■ 91.2058, 0.3391,
0.3604

■ 34.7904, 0.2083,
0.2674

■ 93.7819, 0.3385,
0.3644

Harmonies

Analogous

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



64.0891, 0.3073, 0.3301



64.0891, 0.3055, 0.3267



64.0891, 0.3056, 0.3239

Triad

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



64.0891, 0.3055, 0.3267



64.0891, 0.3149, 0.3248



64.0891, 0.3178, 0.3355

Complementary

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



64.0891, 0.3055, 0.3267



62.1052, 0.3203, 0.3313

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.



64.0891, 0.3199, 0.3341



64.0891, 0.3055, 0.3267



64.0891, 0.3182, 0.3279

Square

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



64.0891, 0.3055, 0.3267



64.0891, 0.3110, 0.3229



64.0891, 0.3200, 0.3313



64.0891, 0.3144, 0.3352

Rectangle

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



64.0891, 0.3055, 0.3267



64.0891, 0.3068, 0.3228



64.0891, 0.3200, 0.3313



64.0891, 0.3187, 0.3352

Sweetspot

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



64.0918, 0.3055, 0.3267



99.1980, 0.3112, 0.3285



64.6764, 0.3109, 0.3385



21.2409, 0.3112, 0.3285



0.0000, 0.0000, 0.0000



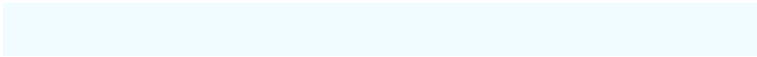
21.4041, 0.3127, 0.3290

Same Dimension

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



64.0918, 0.3055, 0.3267



95.2959, 0.3034, 0.3260



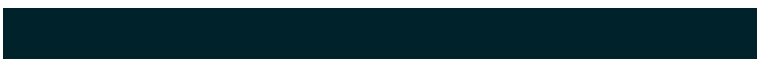
61.7185, 0.3056, 0.3211



13.9795, 0.3026, 0.3257



20.8359, 0.2068, 0.2646



1.3656, 0.2103, 0.2770

Inverse Universe

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



61.5574, 0.3147, 0.3199



90.4302, 0.3153, 0.3172



64.4608, 0.3199, 0.3368



13.2030, 0.3155, 0.3161



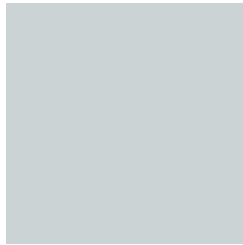
10.4482, 0.3779, 0.1856



0.6412, 0.3663, 0.1791

Previews

White Background



This preview shows how the Yxy color 64.0891, 0.3055, 0.3267 looks on a white background.

Color Contrast Check

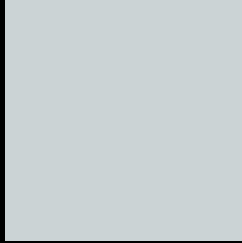
Large Text (above 18pt) WCAG AA × Fail

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 64.0891, 0.3055, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

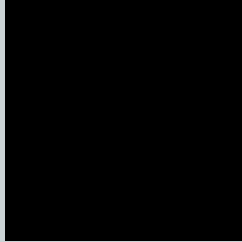
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

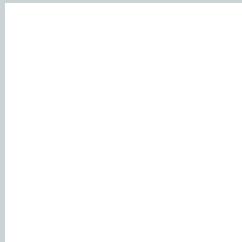
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.0891, 0.3055, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 64.0891, 0.3055, 0.3267.



This preview shows how white text looks on a background with the Yxy color 64.0891, 0.3055, 0.3267.

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

64.0891, 0.3055, 0.3267

Protanopia

63.8119, 0.3136, 0.3256

Deuteranopia

63.9491, 0.3226, 0.3159



Tritanopia

64.0711, 0.2983, 0.3098

Trichromacy



Original Color

64.0891, 0.3055, 0.3267

Protanomaly

63.9097, 0.3106, 0.3256

Deuteranomaly

63.9031, 0.3162, 0.3201

Tritanomaly

64.1510, 0.3009, 0.3164

Monochromacy



Original Color

64.0891, 0.3055, 0.3267

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.0117, 0.3105, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.0891, 0.3055, 0.3267 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(203, 211, 213)` looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 213)  
}
```

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(203, 211, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 213) }
```

Border

The CSS property to change the border of an element to Yxy 64.0891, 0.3055, 0.3267 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(203, 211, 213) }
```

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

```
.border{ border-color:rgb(203, 211, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 213);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 64.0891, 0.3055, 0.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 213) }
```

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

```
.background{ background-color: rgb(203,  
211, 213) }
```

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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