

Converting Colors

$Yxy(65.7829, 0.3082, 0.3270)$

Have a look what the booklet for
Yxy(65.7829, 0.3082, 0.3270)
contains.

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Color

Yxy(65.9047, 0.3077, 0.3267)

Conversions

Conversions Part 1

Format	Color
Hex	D0D5D7
RGB	208, 213, 215
RGB Percent	82%, 84%, 84%
CMY	0.1844, 0.1647, 0.1568
CMYK	0.03, 0.01, 0.00, 0.16
HSL	197°, 8%, 83%
HSV	197°, 3%, 84%
XYZ	62.0719, 65.9047, 73.7519
YIQ	211.7330, -3.6220, -0.4380

Conversions

Conversions Part 2

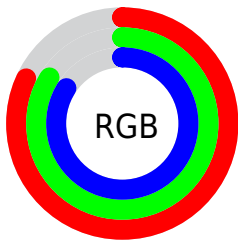
Format	Color
R_{YB}	208, 211, 215
Decimal	13686231
CIE _{Lab}	84.95, -1.32, -1.60
CIE _{LCh}	85, 2.072, 230.406
Yxy	65.9047, 0.3077, 0.3267
Android (android.graphics.Color)	4291876311 (0xFFD0D5D7)
YUV	211.7330, 1.6106, -3.2738
Hunter-Lab	81.1817, -5.5862, 2.9634

Details

The Yxy color **65.9047, 0.3077, 0.3267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0985, 0.3179, 0.3313**, and the grayscale version is **65.6440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.8618, 0.3071, 0.3260** is the 20% darker color. If you saturate the color by 10%, you get **59.9596, 0.2923, 0.3192**, and if you desaturate by 10%, it is **72.3956, 0.3230, 0.3335**.

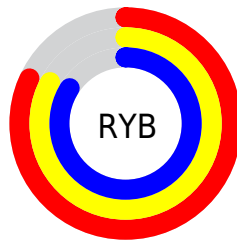
Distribution



Red (82%)

Green (84%)

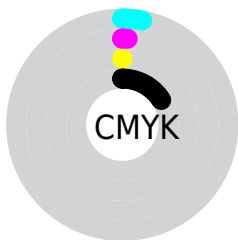
Blue (84%)



Red (82%)

Yellow (83%)

Blue (84%)

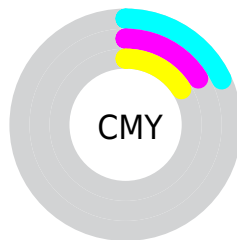


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.9047, 0.3077, 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 65.9047, 0.3077, 0.3267 by changing the saturation by 10% instead.

■ 65.9047, 0.3077,
0.3267

■ 65.9047, 0.3077,
0.3267

446.0360, 0.3101,
0.3278

■ 48.1950, 0.3071,
0.3264

113.3495, 0.3085,
0.3271

■ 33.9814, 0.3065,
0.3261

143.8535, 0.3088,
0.3272

■ 22.8793, 0.3056,
0.3257

179.3911, 0.3091,
0.3274

■ 14.5044, 0.3044,
0.3252

220.3465, 0.3094,
0.3275

■ 8.4723, 0.3028,
0.3244

267.1044, 0.3096,
0.3276

■ 4.3986, 0.3004,
0.3232

320.0490, 0.3098,

■ 1.8990, 0.2964,

0.3277

0.3213

379.5647, 0.3099,
0.3277

0.5478, 0.2800,
0.3140

0.0000, 0.0000,
0.0000

65.9047, 0.3077,
0.3267

65.9047, 0.3077,
0.3267

59.9596, 0.2923,
0.3192

72.3956, 0.3230,
0.3335

54.5337, 0.2771,
0.3109

79.4410, 0.3379,
0.3395

49.6105, 0.2623,
0.3019

83.5895, 0.3399,
0.3455

45.1692, 0.2482,
0.2923

87.1075, 0.3389,
0.3516

■ 41.1875, 0.2353,
0.2821

■ 90.7481, 0.3380,
0.3575

■ 37.6409, 0.2239,
0.2716

■ 94.5125, 0.3371,
0.3633

■ 34.5019, 0.2142,
0.2608

■ 97.6873, 0.3363,
0.3681

■ 31.7391, 0.2065,
0.2499

■ 29.3149, 0.2008,
0.2391

Harmonies

Analogous

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



65.9047, 0.3085, 0.3289



65.9047, 0.3077, 0.3267



65.9047, 0.3083, 0.3251

Triad

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



65.9047, 0.3077, 0.3267



65.9047, 0.3151, 0.3269



65.9047, 0.3154, 0.3335

Complementary

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



65.9047, 0.3077, 0.3267



65.0985, 0.3179, 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.



65.9047, 0.3172, 0.3329



65.9047, 0.3077, 0.3267



65.9047, 0.3170, 0.3291

Square

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



65.9047, 0.3077, 0.3267



65.9047, 0.3125, 0.3252



65.9047, 0.3178, 0.3313



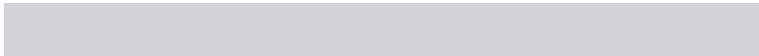
65.9047, 0.3129, 0.3329

Rectangle

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



65.9047, 0.3077, 0.3267



65.9047, 0.3093, 0.3246



65.9047, 0.3178, 0.3313



65.9047, 0.3161, 0.3334

Sweetspot

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



65.9075, 0.3077, 0.3267



99.0544, 0.3112, 0.3283



66.6718, 0.3110, 0.3347



21.2117, 0.3112, 0.3283



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.



65.9075, 0.3077, 0.3267



96.2667, 0.3065, 0.3262



64.1688, 0.3078, 0.3227



14.0924, 0.3055, 0.3257



16.8328, 0.1982, 0.2336



1.1535, 0.2033, 0.2520

Inverse Universe

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



64.3613, 0.3145, 0.3234



93.4771, 0.3149, 0.3220



66.8426, 0.3176, 0.3352



13.6163, 0.3153, 0.3209



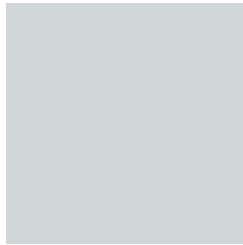
10.0441, 0.4089, 0.2026



0.6198, 0.3902, 0.1923

Previews

White Background



This preview shows how the Yxy color 65.9047, 0.3077, 0.3267 looks on a white background.

Color Contrast Check

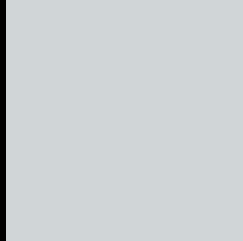
Large Text (above 18pt) WCAG AA × Fail

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 65.9047, 0.3077, 0.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

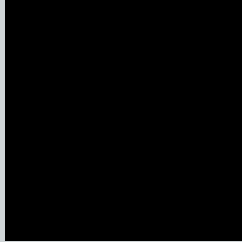
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

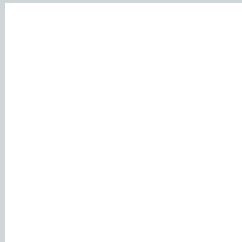
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.9047, 0.3077, 0.3267

Background



This preview shows how black text looks on a background with the Yxy color 65.9047, 0.3077, 0.3267.

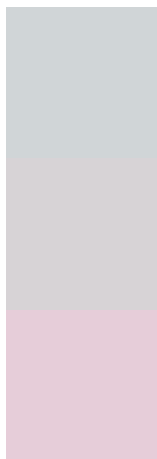


This preview shows how white text looks on a background with the Yxy color 65.9047, 0.3077, 0.3267.

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

65.9047, 0.3077, 0.3267

Protanopia

65.8906, 0.3136, 0.3256

Deuteranopia

65.4954, 0.3232, 0.3160



Tritanopia

65.8916, 0.3006, 0.3101

Trichromacy



Original Color

65.9047, 0.3077, 0.3267

Protanomaly

65.9391, 0.3114, 0.3267

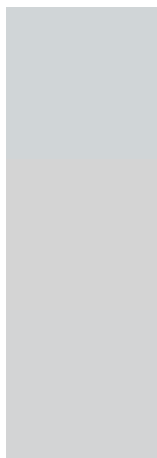
Deuteranomaly

65.5992, 0.3176, 0.3202

Tritanomaly

65.9700, 0.3031, 0.3166

Monochromacy



Original Color

65.9047, 0.3077, 0.3267

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.7399, 0.3113, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9047, 0.3077, 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(208, 213, 215) looks like.

```
.text, #text, p{  
    color:rgb(208, 213, 215)  
}
```

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(208, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 213, 215) }
```

Border

The CSS property to change the border of an element to Yxy 65.9047, 0.3077, 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(208, 213, 215) }
```

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

```
.border{ border-color:rgb(208, 213, 215) }
```

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

Here you see how a box with a 4 pixel rgb(208, 213, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(208, 213,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9047, 0.3077, 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(208, 213, 215) }
```

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

```
.background{ background-color: rgb(208,  
213, 215) }
```

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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