

Converting Colors

$Y_{xy}(65.6275, 0.3054, 0.3254)$

Have a look what the booklet for
Yxy(65.6275, 0.3054, 0.3254)
contains.

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Color

Yxy(65.6682, 0.3056, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	CED5D8
RGB	206, 213, 216
RGB Percent	81%, 84%, 85%
CMY	0.1923, 0.1646, 0.1530
CMYK	0.05, 0.01, 0.00, 0.15
HSL	198°, 11%, 83%
HSV	198°, 5%, 85%
XYZ	61.6345, 65.6682, 74.3809
YIQ	211.2490, -5.1350, -0.5510

Conversions

Conversions Part 2

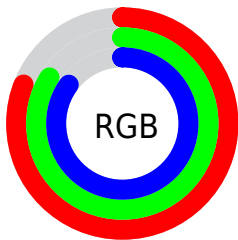
Format	Color
R _Y B	206, 210, 216
Decimal	13555160
CIE Lab	84.83, -1.82, -2.30
CIE LCh	85, 2.936, 231.671
Yxy	65.6682, 0.3056, 0.3256
Android (android.graphics.Color)	4291745240 (0xFFCED5D8)
YUV	211.2490, 2.3422, -4.6034
Hunter-Lab	81.0359, -6.0488, 2.3043

Details

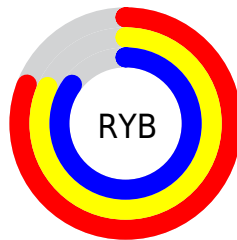
The Yxy color **65.6682, 0.3056, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6231, 0.3201, 0.3324**, and the grayscale version is **65.2996, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7023, 0.3043, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **59.6309, 0.2902, 0.3177**, and if you desaturate by 10%, it is **72.2631, 0.3209, 0.3327**.

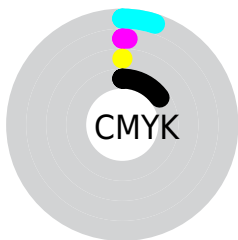
Distribution



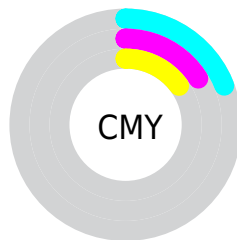
- Red (81%)
- Green (84%)
- Blue (85%)



- Red (81%)
- Yellow (82%)
- Blue (85%)



- Cyan (5%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (19%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.6682, 0.3056, 0.3256 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 65.6682, 0.3056, 0.3256 by changing the saturation by 10% instead.

■ 65.6682, 0.3056,
0.3256

■ 65.6682, 0.3056,
0.3256

445.1893, 0.3090,
0.3272

■ 48.0031, 0.3048,
0.3252

113.0100, 0.3068,
0.3262

■ 33.8293, 0.3038,
0.3247

143.4555, 0.3072,
0.3264

■ 22.7625, 0.3026,
0.3241

178.9298, 0.3076,
0.3266

■ 14.4183, 0.3009,
0.3233

219.8175, 0.3080,
0.3267

■ 8.4121, 0.2986,
0.3222

266.5029, 0.3083,
0.3269

■ 4.3598, 0.2952,
0.3205

319.3704, 0.3085,

■ 1.8768, 0.2896,

0.3270

0.3176

378.8044, 0.3087,
0.3271

0.5344, 0.2663,
0.3070

0.0000, 0.0000,
0.0000

65.6682, 0.3056,
0.3256

65.6682, 0.3056,
0.3256

59.6309, 0.2902,
0.3177

72.2631, 0.3209,
0.3327

54.1241, 0.2749,
0.3090

79.4248, 0.3359,
0.3391

49.1308, 0.2601,
0.2996

84.0590, 0.3391,
0.3453

44.6297, 0.2461,
0.2895

87.7353, 0.3382,
0.3515

■ 40.5977, 0.2333,
0.2789

■ 91.5444, 0.3372,
0.3577

■ 37.0094, 0.2219,
0.2679

■ 95.4876, 0.3363,
0.3638

■ 33.8367, 0.2123,
0.2566

■ 97.7371, 0.3358,
0.3671

■ 31.0468, 0.2047,
0.2454

■ 28.6003, 0.1992,
0.2342

Harmonies

Analogous

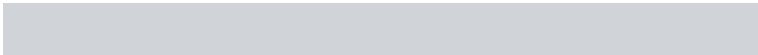
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



65.6682, 0.3066, 0.3287



65.6682, 0.3056, 0.3256



65.6682, 0.3065, 0.3234

Triad

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



65.6682, 0.3056, 0.3256



65.6682, 0.3162, 0.3261



65.6682, 0.3164, 0.3354

Complementary

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



65.6682, 0.3056, 0.3256



64.6231, 0.3201, 0.3324

Split Complementary

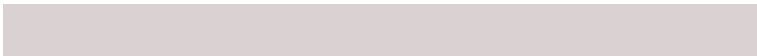
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.6682, 0.3190, 0.3346



65.6682, 0.3056, 0.3256



65.6682, 0.3189, 0.3293

Square

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



65.6682, 0.3056, 0.3256



65.6682, 0.3126, 0.3237



65.6682, 0.3199, 0.3324



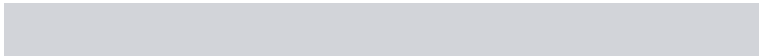
65.6682, 0.3128, 0.3344

Rectangle

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



65.6682, 0.3056, 0.3256



65.6682, 0.3080, 0.3228



65.6682, 0.3199, 0.3324



65.6682, 0.3174, 0.3353

Sweetspot

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



65.6710, 0.3056, 0.3256



99.0381, 0.3112, 0.3283



66.8154, 0.3103, 0.3372



21.2084, 0.3112, 0.3283



0.0000, 0.0000, 0.0000



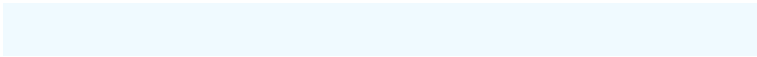
21.4041, 0.3127, 0.3290

Same Dimension

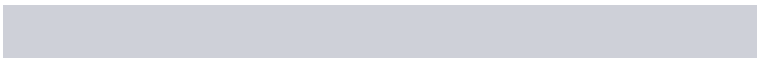
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.6710, 0.3056, 0.3256



94.3523, 0.3034, 0.3245



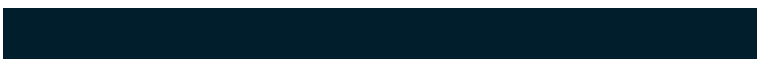
63.2552, 0.3057, 0.3200



13.8285, 0.3026, 0.3241



16.4131, 0.1972, 0.2300



1.1308, 0.2025, 0.2491

Inverse Universe

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



63.5302, 0.3153, 0.3211



90.3349, 0.3162, 0.3186



67.0509, 0.3197, 0.3378



13.1878, 0.3165, 0.3177



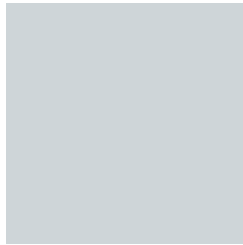
10.0018, 0.4127, 0.2047



0.6175, 0.3931, 0.1939

Previews

White Background



This preview shows how the Yxy color 65.6682, 0.3056, 0.3256 looks on a white background.

Color Contrast Check

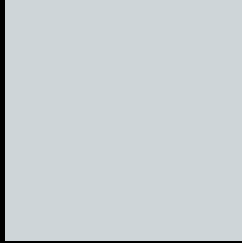
Large Text (above 18pt) WCAG AA × Fail

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 65.6682, 0.3056, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

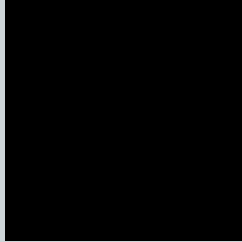
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

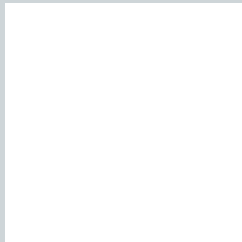
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.6682, 0.3056, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 65.6682, 0.3056, 0.3256.



This preview shows how white text looks on a background with the Yxy color 65.6682, 0.3056, 0.3256.

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

65.6682, 0.3056, 0.3256

Protanopia

65.7910, 0.3122, 0.3245

Deuteranopia

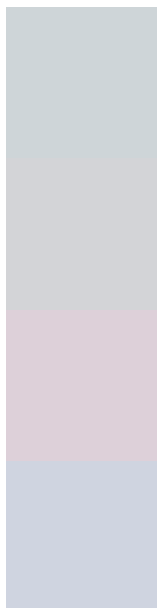
65.3826, 0.3218, 0.3149



Tritanopia

65.5999, 0.2991, 0.3100

Trichromacy



Original Color

65.6682, 0.3056, 0.3256

Protanomaly

65.8421, 0.3099, 0.3256

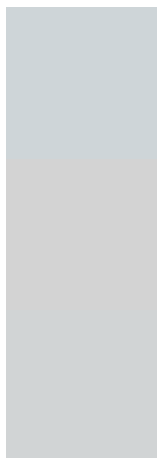
Deuteranomaly

65.4937, 0.3162, 0.3191

Tritanomaly

65.7342, 0.3011, 0.3155

Monochromacy



Original Color

65.6682, 0.3056, 0.3256

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4464, 0.3098, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.6682, 0.3056, 0.3256 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(206, 213, 216)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 216)  
}
```

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(206, 213, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 216) }
```

Border

The CSS property to change the border of an element to Yxy 65.6682, 0.3056, 0.3256 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(206, 213, 216) }
```

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

```
.border{ border-color:rgb(206, 213, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 213, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 213, 216); box-shadow:4px 4px 4px 4px rgb(206, 213, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 65.6682, 0.3056, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 216) }
```

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

```
.background{ background-color: rgb(206,  
213, 216) }
```

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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