

Converting Colors

Yxy(66.6742, 0.3040, 0.3251)

Have a look what the booklet for
Yxy(66.6742, 0.3040, 0.3251)
contains.

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Color

Yxy(66.7846, 0.3042, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	CED7DA
RGB	206, 215, 218
RGB Percent	81%, 84%, 85%
CMY	0.1924, 0.1568, 0.1451
CMYK	0.06, 0.01, 0.00, 0.15
HSL	195°, 14%, 83%
HSV	195°, 6%, 85%
XYZ	62.3952, 66.7846, 75.9326
YIQ	212.6510, -6.3270, -0.9750

Conversions

Conversions Part 2

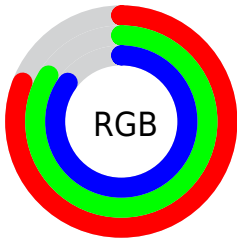
Format	Color
R _Y B	206, 211, 218
Decimal	13555674
CIE Lab	85.40, -2.50, -2.54
CIE LCh	85, 3.561, 225.492
Yxy	66.7846, 0.3042, 0.3256
Android (android.graphics.Color)	4291745754 (0xFFCED7DA)
YUV	212.6510, 2.6371, -5.8329
Hunter-Lab	81.7218, -6.7272, 2.1154

Details

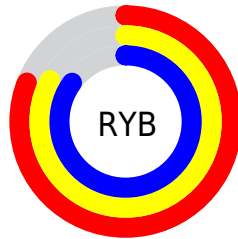
The Yxy color **66.7846, 0.3042, 0.3256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9174, 0.3217, 0.3324**, and the grayscale version is **66.2750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4614, 0.3025, 0.3245** is the 20% darker color. If you saturate the color by 10%, you get **61.1857, 0.2889, 0.3190**, and if you desaturate by 10%, it is **72.9120, 0.3196, 0.3316**.

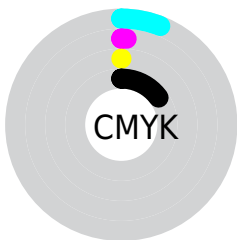
Distribution



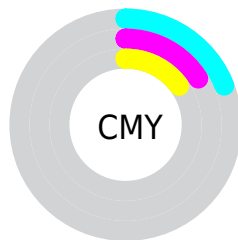
- Red (81%)
- Green (84%)
- Blue (85%)



- Red (81%)
- Yellow (83%)
- Blue (85%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.7846, 0.3042, 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 66.7846, 0.3042, 0.3256 by changing the saturation by 10% instead.

■ 66.7846, 0.3042,
0.3256

■ 66.7846, 0.3042,
0.3256

449.1777, 0.3082,
0.3272

■ 48.9096, 0.3033,
0.3252

114.6117, 0.3056,
0.3262

■ 34.5478, 0.3021,
0.3247

145.3326, 0.3061,
0.3264

■ 23.3147, 0.3006,
0.3241

181.1043, 0.3066,
0.3266

■ 14.8261, 0.2987,
0.3233

222.3111, 0.3070,
0.3267

■ 8.6974, 0.2960,
0.3222

269.3374, 0.3074,
0.3269

■ 4.5443, 0.2920,
0.3205

322.5677, 0.3077,

■ 1.9825, 0.2855,

0.3270

382.3863, 0.3080,
0.3271

0.3176

0.5973, 0.2623,
0.3092

0.0000, 0.0000,
0.0000

66.7846, 0.3042,
0.3256

66.7846, 0.3042,
0.3256

61.1857, 0.2889,
0.3190

72.9120, 0.3196,
0.3316

56.0882, 0.2739,
0.3117

79.5770, 0.3347,
0.3370

51.4753, 0.2595,
0.3039

83.5680, 0.3379,
0.3422

47.3255, 0.2461,
0.2956

86.6299, 0.3371,
0.3475

■ 43.6159, 0.2340,
0.2868

■ 89.7853, 0.3364,
0.3527

■ 40.3209, 0.2235,
0.2777

■ 93.0349, 0.3356,
0.3579

■ 37.4120, 0.2149,
0.2685

■ 96.3796, 0.3349,
0.3629

■ 34.8560, 0.2082,
0.2593

■ 97.8421, 0.3345,
0.3651

■ 32.6124, 0.2034,
0.2502

Harmonies

Analogous

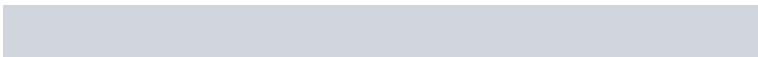
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7846, 0.3059, 0.3295



66.7846, 0.3042, 0.3256



66.7846, 0.3048, 0.3227

Triad

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



66.7846, 0.3042, 0.3256



66.7846, 0.3161, 0.3248



66.7846, 0.3179, 0.3367

Complementary

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



66.7846, 0.3042, 0.3256



64.9174, 0.3217, 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.



66.7846, 0.3207, 0.3353



66.7846, 0.3042, 0.3256



66.7846, 0.3196, 0.3285

Square

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



66.7846, 0.3042, 0.3256



66.7846, 0.3116, 0.3222



66.7846, 0.3213, 0.3323



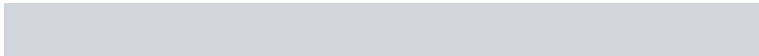
66.7846, 0.3138, 0.3359

Rectangle

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



66.7846, 0.3042, 0.3256



66.7846, 0.3064, 0.3216



66.7846, 0.3213, 0.3323



66.7846, 0.3190, 0.3365

Sweetspot

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



66.7874, 0.3042, 0.3256



98.2449, 0.3096, 0.3278



67.8477, 0.3102, 0.3395



21.0469, 0.3098, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

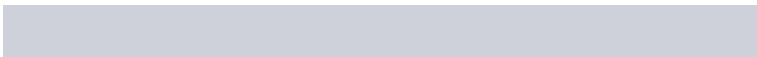
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.7874, 0.3042, 0.3256



93.9911, 0.3019, 0.3246



63.8504, 0.3043, 0.3189



14.4946, 0.3011, 0.3243



19.1568, 0.2021, 0.2475



1.3733, 0.2062, 0.2623

Inverse Universe

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



63.9244, 0.3154, 0.3189



88.8547, 0.3162, 0.3160



67.8501, 0.3211, 0.3389



13.6480, 0.3165, 0.3151



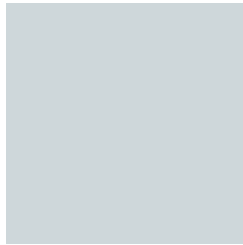
10.5577, 0.3948, 0.1948



0.6973, 0.3802, 0.1868

Previews

White Background



This preview shows how the Yxy color 66.7846, 0.3042, 0.3256 looks on a white background.

Color Contrast Check

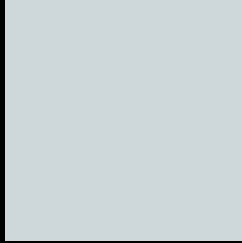
Large Text (above 18pt) WCAG AA × Fail

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 66.7846, 0.3042, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

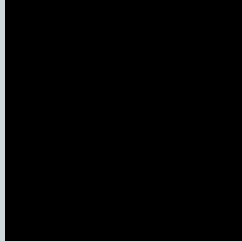
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

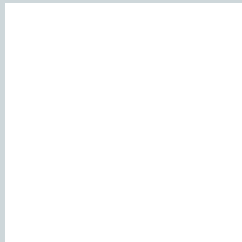
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.7846, 0.3042, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 66.7846, 0.3042, 0.3256.

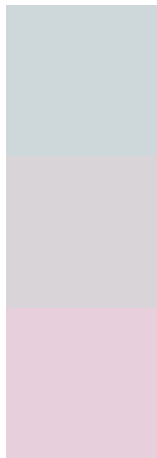


This preview shows how white text looks on a background with the Yxy color 66.7846, 0.3042, 0.3256.

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

66.7846, 0.3042, 0.3256

Protanopia

66.6438, 0.3129, 0.3245

Deuteranopia

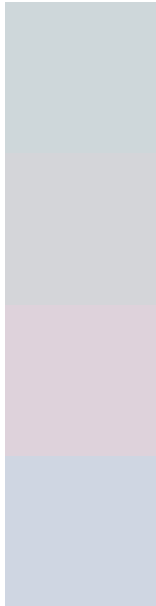
66.7819, 0.3217, 0.3150



Tritanopia

66.7116, 0.2979, 0.3101

Trichromacy



Original Color

66.7846, 0.3042, 0.3256

Protanomaly

66.5953, 0.3093, 0.3245

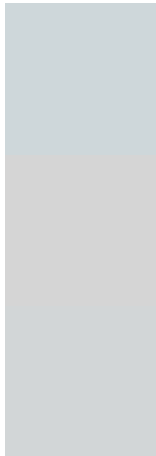
Deuteranomaly

66.7373, 0.3154, 0.3191

Tritanomaly

66.8495, 0.2998, 0.3155

Monochromacy



Original Color

66.7846, 0.3042, 0.3256

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

66.7011, 0.3091, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.7846, 0.3042, 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, 215, 218)` looks like.

```
.text, #text, p{  
    color:rgb(206, 215, 218)  
}
```

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, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 215, 218) }
```

Border

The CSS property to change the border of an element to Yxy 66.7846, 0.3042, 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, 215, 218) }
```

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

```
.border{ border-color:rgb(206, 215, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(206, 215,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 66.7846, 0.3042, 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, 215, 218) }
```

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

```
.background{ background-color: rgb(206,  
215, 218) }
```

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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