

Converting Colors

$Yxy(64.8739, 0.3015, 0.3310)$

Have a look what the booklet for
Yxy(64.8739, 0.3015, 0.3310)
contains.

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Color

Yxy(64.7675, 0.3012, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	C5D6D5
RGB	197, 214, 213
RGB Percent	77%, 84%, 84%
CMY	0.2272, 0.1608, 0.1647
CMYK	0.08, 0.00, 0.00, 0.16
HSL	177°, 17%, 81%
HSV	177°, 8%, 84%
XYZ	59.0972, 64.7675, 72.3410
YIQ	208.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

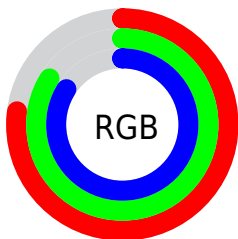
Format	Color
RYB	197, 206, 214
Decimal	12965589
CIELab	84.36, -5.85, -1.48
CIElCh	84, 6.030, 194.170
Yxy	64.7675, 0.3012, 0.3301
Android (android.graphics.Color)	4291155669 (0xFFC5D6D5)
YUV	208.8030, 2.0691, -10.3512
Hunter-Lab	80.4783, -9.7600, 3.0396

Details

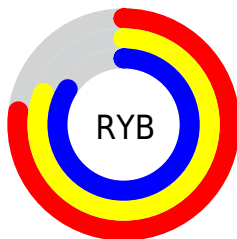
The Yxy color **64.7675, 0.3012, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3391, 0.3255, 0.3279**, and the grayscale version is **63.6252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **33.1045, 0.2985, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **62.0196, 0.2873, 0.3316**, and if you desaturate by 10%, it is **67.9314, 0.3158, 0.3287**.

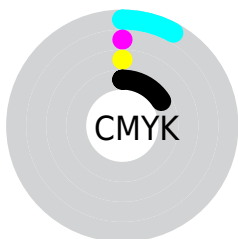
Distribution



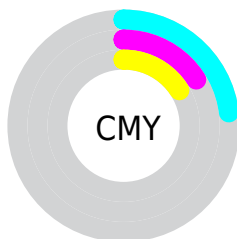
- Red (77%)
- Green (84%)
- Blue (84%)



- Red (77%)
- Yellow (81%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7675, 0.3012, 0.3301 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 64.7675, 0.3012, 0.3301 by changing the saturation by 10% instead.

■ 64.7675, 0.3012,
0.3301

■ 64.7675, 0.3012,
0.3301

441.9560, 0.3066,
0.3296

■ 47.2726, 0.2999,
0.3302

111.7155, 0.3031,
0.3299

■ 33.2512, 0.2983,
0.3303

141.9374, 0.3038,
0.3299

■ 22.3189, 0.2963,
0.3305

177.1704, 0.3045,
0.3298

■ 14.0914, 0.2936,
0.3307

217.7990, 0.3050,
0.3298

■ 8.1843, 0.2899,
0.3310

264.2074, 0.3055,
0.3297

■ 4.2131, 0.2843,
0.3314

316.7801, 0.3059,

■ 1.7935, 0.2751,

0.3297

0.3320

375.9015, 0.3063,
0.3296

0.4831, 0.2215,
0.3381

0.0000, 0.0000,
0.0000

64.7675, 0.3012,
0.3301

64.7675, 0.3012,
0.3301

62.0196, 0.2873,
0.3316

67.9314, 0.3158,
0.3287

59.6624, 0.2744,
0.3333

71.5193, 0.3309,
0.3275


57.6802, 0.2628,
0.3350


74.3408, 0.3414,
0.3263


56.0531, 0.2527,
0.3368


74.4053, 0.3405,
0.3251


 54.7594, 0.2444,
0.3387


 74.4704, 0.3396,
0.3238

 53.7751, 0.2380,
0.3406

 74.5359, 0.3387,
0.3226

 53.0728, 0.2335,
0.3426

 74.6019, 0.3378,
0.3213

 52.6205, 0.2308,
0.3445

 74.6684, 0.3369,
0.3201

 52.3726, 0.2298,
0.3464

 74.7354, 0.3360,
0.3188

Harmonies

Analogous

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



64.7675, 0.3072, 0.3366



64.7675, 0.3012, 0.3301



64.7675, 0.2982, 0.3234

Triad

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



64.7675, 0.3012, 0.3301



64.7675, 0.3105, 0.3174



64.7675, 0.3265, 0.3396

Complementary

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



64.7675, 0.3012, 0.3301



58.3391, 0.3255, 0.3279

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.



64.7675, 0.3274, 0.3344



64.7675, 0.3012, 0.3301



64.7675, 0.3181, 0.3216

Square

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



64.7675, 0.3012, 0.3301



64.7675, 0.3036, 0.3161



64.7675, 0.3244, 0.3278



64.7675, 0.3219, 0.3421

Rectangle

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



64.7675, 0.3012, 0.3301



64.7675, 0.2984, 0.3197



64.7675, 0.3244, 0.3278



64.7675, 0.3273, 0.3381

Sweetspot

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



64.7702, 0.3012, 0.3301



99.0265, 0.3097, 0.3293



64.1532, 0.3126, 0.3490



21.2059, 0.3099, 0.3293



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.



64.7702, 0.3012, 0.3301



95.8190, 0.2995, 0.3303



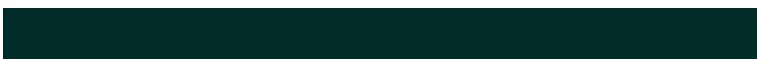
61.1939, 0.3006, 0.3204



14.0949, 0.2990, 0.3303



31.6413, 0.2296, 0.3465



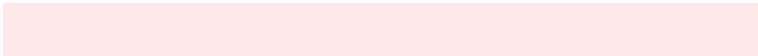
1.9123, 0.2287, 0.3432

Inverse Universe

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



58.3391, 0.3255, 0.3279



84.9062, 0.3276, 0.3277



61.7054, 0.3254, 0.3375



12.4323, 0.3282, 0.3277



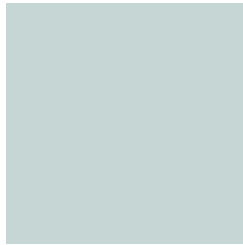
8.6627, 0.6334, 0.3263



0.5267, 0.6132, 0.3152

Previews

White Background



This preview shows how the Yxy color 64.7675, 0.3012, 0.3301 looks on a white background.

Color Contrast Check

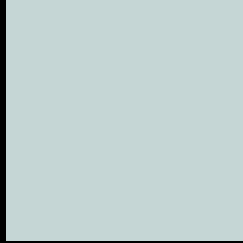
Large Text (above 18pt) WCAG AA × Fail

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 64.7675, 0.3012, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

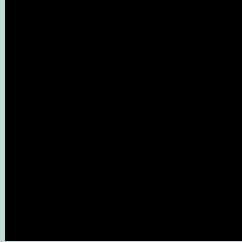
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

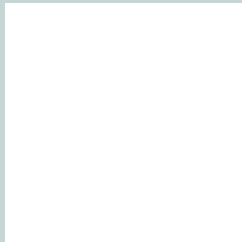
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7675, 0.3012, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 64.7675, 0.3012, 0.3301.

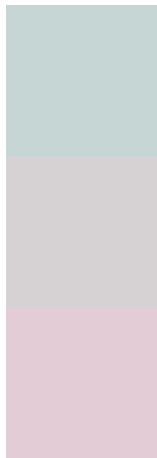


This preview shows how white text looks on a background with the Yxy color 64.7675, 0.3012, 0.3301.

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

64.7675, 0.3012, 0.3301

Protanopia

64.5502, 0.3158, 0.3279

Deuteranopia

64.5860, 0.3232, 0.3170



Tritanopia

64.9678, 0.2936, 0.3108

Trichromacy



Original Color

64.7675, 0.3012, 0.3301

Protanomaly

64.7016, 0.3105, 0.3290

Deuteranomaly

64.7185, 0.3153, 0.3223

Tritanomaly

65.0583, 0.2961, 0.3175

Monochromacy



Original Color

64.7675, 0.3012, 0.3301

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.2208, 0.3090, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7675, 0.3012, 0.3301 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(197, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(197, 214, 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(197, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 214, 213) }
```

Border

The CSS property to change the border of an element to Yxy 64.7675, 0.3012, 0.3301 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(197, 214, 213) }
```

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

```
.border{ border-color:rgb(197, 214, 213) }
```

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

Here you see how a box with a 4 pixel rgb(197, 214, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 214, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 214, 213);  
box-shadow:4px 4px 4px 4px rgb(197, 214,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7675, 0.3012, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 214, 213) }
```

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

```
.background{ background-color: rgb(197,  
214, 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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