

Converting Colors

Yxy(64.2104, 0.2991, 0.3290)

Have a look what the booklet for
Yxy(64.2104, 0.2991, 0.3290)
contains.

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Color

Yxy(64.4993, 0.2997, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	C3D6D5
RGB	195, 214, 213
RGB Percent	76%, 84%, 84%
CMY	0.2354, 0.1607, 0.1646
CMYK	0.09, 0.00, 0.00, 0.16
HSL	177°, 19%, 80%
HSV	177°, 9%, 84%
XYZ	58.5593, 64.4993, 72.3346
YIQ	208.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

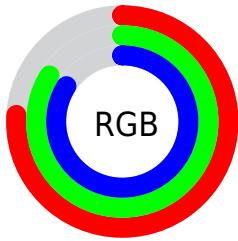
Format	Color
R _Y B	195, 205, 214
Decimal	12834517
CIE Lab	84.23, -6.55, -1.71
CIE LCh	84, 6.767, 194.639
Yxy	64.4993, 0.2997, 0.3301
Android (android.graphics.Color)	4291024597 (0xFFC3D6D5)
YUV	208.2050, 2.3639, -11.5808
Hunter-Lab	80.3115, -10.3912, 2.8170

Details

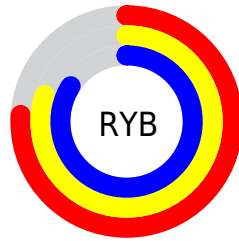
The Yxy color **64.4993, 0.2997, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2971, 0.3274, 0.3279**, and the grayscale version is **63.2055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **32.9276, 0.2966, 0.3305** is the 20% darker color. If you saturate the color by 10%, you get **61.7975, 0.2858, 0.3315**, and if you desaturate by 10%, it is **67.6154, 0.3144, 0.3289**.

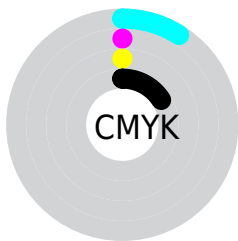
Distribution



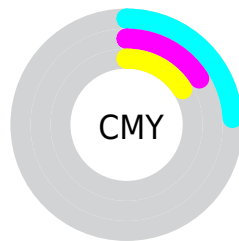
- Red (76%)
- Green (84%)
- Blue (84%)



- Red (76%)
- Yellow (80%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.4993, 0.2997, 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 64.4993, 0.2997, 0.3301 by changing the saturation by 10% instead.

■ 64.4993, 0.2997,
0.3301

■ 64.4993, 0.2997,
0.3301

■ 440.9905, 0.3058,
0.3296

■ 47.0552, 0.2983,
0.3302

■ 111.3297, 0.3019,
0.3299

■ 33.0793, 0.2965,
0.3303

■ 141.4848, 0.3027,
0.3299

■ 22.1872, 0.2942,
0.3305

■ 176.6456, 0.3034,
0.3298

■ 13.9945, 0.2911,
0.3307

■ 217.1967, 0.3040,
0.3298

■ 8.1168, 0.2869,
0.3310

■ 263.5223, 0.3046,
0.3297

■ 4.1698, 0.2806,
0.3313

■ 316.0069, 0.3050,

■ 1.7690, 0.2702,

0.3297

0.3318

375.0348, 0.3055,
0.3296

0.4677, 0.2061,
0.3386

0.0000, 0.0000,
0.0000

64.4993, 0.2997,
0.3301

64.4993, 0.2997,
0.3301

61.7975, 0.2858,
0.3315

67.6154, 0.3144,
0.3289

59.4847, 0.2729,
0.3329


71.1540, 0.3295,
0.3278


57.5449, 0.2614,
0.3345

74.3332, 0.3417,
0.3267

55.9582, 0.2514,
0.3361


74.3904, 0.3409,
0.3256

 54.7026, 0.2433,
0.3378

 74.4479, 0.3401,
0.3245


 53.7538, 0.2370,
0.3395


 74.5058, 0.3393,
0.3234

 53.0841, 0.2326,
0.3412

 74.5641, 0.3385,
0.3223

 52.6608, 0.2301,
0.3429

 74.6228, 0.3377,
0.3212

 52.4321, 0.2292,
0.3445

 74.6818, 0.3369,
0.3201

Harmonies

Analogous

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



64.4993, 0.3064, 0.3375



64.4993, 0.2997, 0.3301



64.4993, 0.2964, 0.3226

Triad

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



64.4993, 0.2997, 0.3301



64.4993, 0.3104, 0.3160



64.4993, 0.3282, 0.3410

Complementary

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



64.4993, 0.2997, 0.3301



57.2971, 0.3274, 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.



64.4993, 0.3293, 0.3351



64.4993, 0.2997, 0.3301



64.4993, 0.3189, 0.3208

Square

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



64.4993, 0.2997, 0.3301



64.4993, 0.3025, 0.3145



64.4993, 0.3259, 0.3277



64.4993, 0.3229, 0.3438

Rectangle

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



64.4993, 0.2997, 0.3301



64.4993, 0.2966, 0.3185



64.4993, 0.3259, 0.3277



64.4993, 0.3291, 0.3393

Sweetspot

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



64.5020, 0.2997, 0.3301



98.5526, 0.3082, 0.3294



63.8048, 0.3126, 0.3516



21.0136, 0.3070, 0.3295



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.



64.5020, 0.2997, 0.3301



94.9703, 0.2965, 0.3304



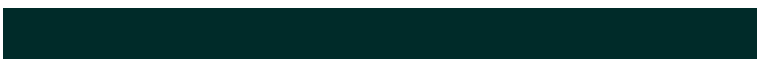
60.4802, 0.2990, 0.3193



14.0963, 0.2989, 0.3302



31.6806, 0.2290, 0.3445



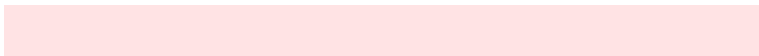
1.9143, 0.2282, 0.3416

Inverse Universe

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



57.2971, 0.3274, 0.3279



81.7940, 0.3315, 0.3276



61.0524, 0.3271, 0.3386



12.4310, 0.3283, 0.3278



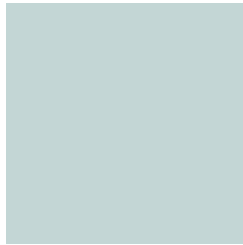
8.6603, 0.6342, 0.3267



0.5261, 0.6161, 0.3168

Previews

White Background



This preview shows how the Yxy color 64.4993, 0.2997, 0.3301 looks on a white background.

Color Contrast Check

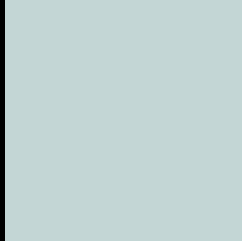
Large Text (above 18pt) WCAG AA × Fail

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 64.4993, 0.2997, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

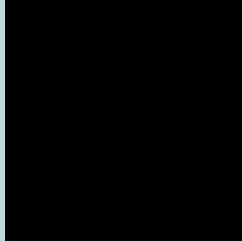
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

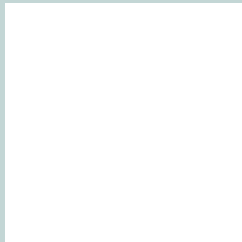
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4993, 0.2997, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 64.4993, 0.2997, 0.3301.

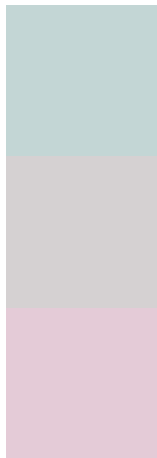


This preview shows how white text looks on a background with the Yxy color 64.4993, 0.2997, 0.3301.

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

64.4993, 0.2997, 0.3301

Protanopia

64.4002, 0.3150, 0.3279

Deuteranopia

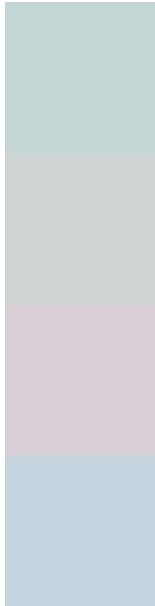
64.1121, 0.3233, 0.3159



Tritanopia

64.6942, 0.2922, 0.3107

Trichromacy



Original Color

64.4993, 0.2997, 0.3301

Protanomaly

64.4135, 0.3090, 0.3290

Deuteranomaly

64.0796, 0.3146, 0.3212

Tritanomaly

64.7865, 0.2947, 0.3175

Monochromacy



Original Color

64.4993, 0.2997, 0.3301

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.4428, 0.3075, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4993, 0.2997, 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(195, 214, 213)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 214, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 214, 213) }
```

Border

The CSS property to change the border of an element to Yxy 64.4993, 0.2997, 0.3301 is called "border". The border property can be set on classes, ids or directly on the HTML element.

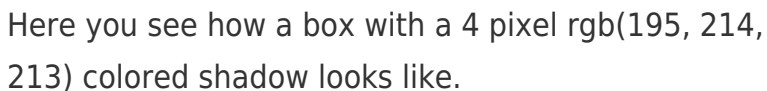
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 214, 213) }
```

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

```
.border{ border-color:rgb(195, 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(195, 214, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 214, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 214, 213); box-shadow:4px 4px 4px 4px rgb(195, 214, 213) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4993, 0.2997, 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(195, 214, 213) }
```

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

```
.background{ background-color: rgb(195,  
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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