

Converting Colors

Yxy(65.1548, 0.3021, 0.3244)

Have a look what the booklet for
Yxy(65.1548, 0.3021, 0.3244)
contains.

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Color

Yxy(65.1548, 0.3021, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	CAD5D9
RGB	202, 213, 217
RGB Percent	79%, 84%, 85%
CMY	0.2078, 0.1647, 0.1491
CMYK	0.07, 0.02, 0.00, 0.15
HSL	196°, 16%, 82%
HSV	196°, 7%, 85%
XYZ	60.6759, 65.1548, 75.0164
YIQ	210.1670, -7.8400, -1.0880

Conversions

Conversions Part 2

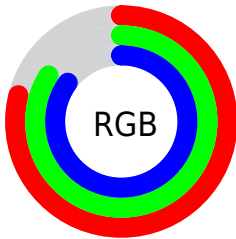
Format	Color
R_{YB}	202, 208, 217
Decimal	13293017
CIE _{Lab}	84.56, -2.94, -3.26
CIE _{LCh}	85, 4.388, 227.926
Yxy	65.1548, 0.3021, 0.3244
Android (android.graphics.Color)	4291483097 (0xFFCAD5D9)
YUV	210.1670, 3.3687, -7.1625
Hunter-Lab	80.7185, -7.0794, 1.4013

Details

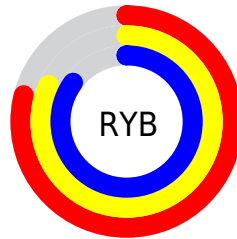
The Yxy color **65.1548, 0.3021, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.1549, 0.3240, 0.3336**, and the grayscale version is **64.5473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.3583, 0.2997, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **59.4872, 0.2868, 0.3172**, and if you desaturate by 10%, it is **71.3569, 0.3175, 0.3310**.

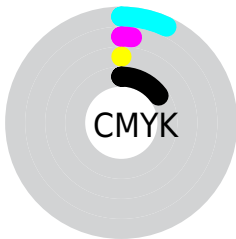
Distribution



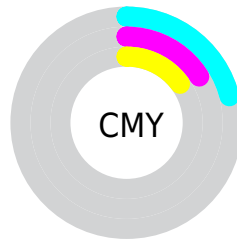
- Red (79%)
- Green (84%)
- Blue (85%)



- Red (79%)
- Yellow (82%)
- Blue (85%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1548, 0.3021, 0.3244 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 65.1548, 0.3021, 0.3244 by changing the saturation by 10% instead.

■ 65.1548, 0.3021,
0.3244

■ 65.1548, 0.3021,
0.3244

443.3480, 0.3071,
0.3266

■ 47.5866, 0.3009,
0.3239

112.2724, 0.3039,
0.3252

■ 33.4996, 0.2995,
0.3232

142.5906, 0.3045,
0.3255

■ 22.5095, 0.2976,
0.3224

177.9275, 0.3051,
0.3257

■ 14.2317, 0.2952,
0.3213

218.6677, 0.3056,
0.3260

■ 8.2820, 0.2917,
0.3197

265.1954, 0.3061,
0.3261

■ 4.2759, 0.2866,
0.3173

317.8951, 0.3064,

■ 1.8291, 0.2783,

0.3263

0.3133

377.1512, 0.3068,
0.3265

■ 0.5052, 0.2415,
0.2987

■ 0.0000, 0.0000,
0.0000

■ 65.1548, 0.3021,
0.3244

■ 65.1548, 0.3021,
0.3244

■ 59.4872, 0.2868,
0.3172

■ 71.3569, 0.3175,
0.3310

■ 54.3271, 0.2717,
0.3092

■ 78.1030, 0.3326,
0.3368

■ 49.6574, 0.2573,
0.3007

■ 83.0438, 0.3387,
0.3424

■ 45.4565, 0.2439,
0.2916

■ 86.3168, 0.3379,
0.3481

■ 41.7010, 0.2317,
0.2821

■ 89.6972, 0.3370,
0.3537

■ 38.3653, 0.2212,
0.2722

■ 93.1862, 0.3362,
0.3592

■ 35.4202, 0.2125,
0.2622

■ 96.7846, 0.3354,
0.3646

■ 32.8321, 0.2058,
0.2522

■ 97.7893, 0.3352,
0.3661

■ 30.5572, 0.2011,
0.2423

Harmonies

Analogous

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



65.1548, 0.3039, 0.3292



65.1548, 0.3021, 0.3244



65.1548, 0.3031, 0.3209

Triad

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



65.1548, 0.3021, 0.3244



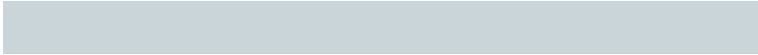
65.1548, 0.3173, 0.3241



65.1548, 0.3188, 0.3386

Complementary

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



65.1548, 0.3021, 0.3244



63.1549, 0.3240, 0.3336

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.



65.1548, 0.3224, 0.3371



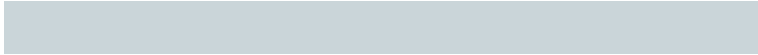
65.1548, 0.3021, 0.3244



65.1548, 0.3216, 0.3288

Square

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



65.1548, 0.3021, 0.3244



65.1548, 0.3118, 0.3208



65.1548, 0.3235, 0.3335



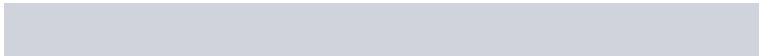
65.1548, 0.3135, 0.3374

Rectangle

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



65.1548, 0.3021, 0.3244



65.1548, 0.3052, 0.3198



65.1548, 0.3235, 0.3335



65.1548, 0.3203, 0.3384

Sweetspot

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



65.1576, 0.3021, 0.3244



98.1828, 0.3096, 0.3277



66.6228, 0.3094, 0.3420



21.0343, 0.3098, 0.3278



0.0000, 0.0000, 0.0000



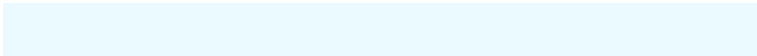
21.4041, 0.3127, 0.3290

Same Dimension

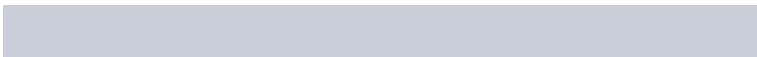
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.1576, 0.3021, 0.3244



92.9197, 0.3003, 0.3236



61.5911, 0.3022, 0.3160



14.2128, 0.2982, 0.3226



18.2794, 0.2002, 0.2407



1.3227, 0.2047, 0.2568

Inverse Universe

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



61.7995, 0.3164, 0.3166



87.3232, 0.3170, 0.3145



66.7268, 0.3233, 0.3417



13.2126, 0.3178, 0.3120



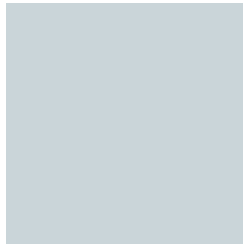
10.4691, 0.4016, 0.1986



0.6922, 0.3855, 0.1898

Previews

White Background



This preview shows how the Yxy color 65.1548, 0.3021, 0.3244 looks on a white background.

Color Contrast Check

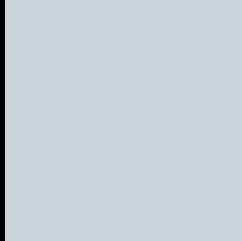
Large Text (above 18pt) WCAG AA × Fail

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 65.1548, 0.3021, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

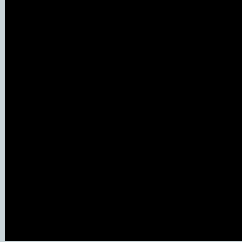
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

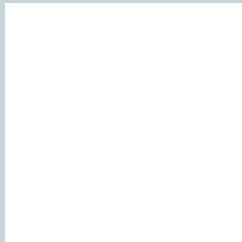
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1548, 0.3021, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 65.1548, 0.3021, 0.3244.



This preview shows how white text looks on a background with the Yxy color 65.1548, 0.3021, 0.3244.

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

65.1548, 0.3021, 0.3244

Protanopia

65.1456, 0.3115, 0.3234

Deuteranopia

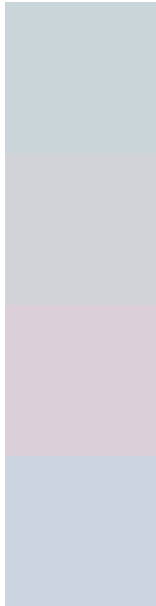
64.7942, 0.3203, 0.3127



Tritanopia

65.0273, 0.2963, 0.3098

Trichromacy



Original Color

65.1548, 0.3021, 0.3244

Protanomaly

65.1017, 0.3078, 0.3233

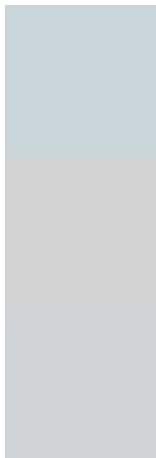
Deuteranomaly

64.7477, 0.3140, 0.3168

Tritanomaly

65.1653, 0.2982, 0.3154

Monochromacy



Original Color

65.1548, 0.3021, 0.3244

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.6580, 0.3084, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1548, 0.3021, 0.3244 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(202, 213, 217)` looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 217)  
}
```

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(202, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 217) }
```

Border

The CSS property to change the border of an element to Yxy 65.1548, 0.3021, 0.3244 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(202, 213, 217) }
```

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

```
.border{ border-color:rgb(202, 213, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 213, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 213, 217); box-shadow:4px 4px 4px 4px rgb(202, 213, 217) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1548, 0.3021, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 217) }
```

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

```
.background{ background-color: rgb(202,  
213, 217) }
```

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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