

Converting Colors

Yxy(65.2621, 0.3033, 0.3429)

Have a look what the booklet for
Yxy(65.2621, 0.3033, 0.3429)
contains.

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Color

Yxy(65.3709, 0.3035, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	C1D9CD
RGB	193, 217, 205
RGB Percent	76%, 85%, 80%
CMY	0.2431, 0.1490, 0.1960
CMYK	0.11, 0.00, 0.06, 0.15
HSL	150°, 24%, 80%
HSV	150°, 11%, 85%
XYZ	57.8259, 65.3709, 67.3334
YIQ	208.4560, -10.4520, -8.8200

Conversions

Conversions Part 2

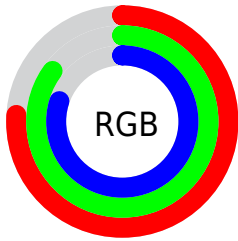
Format	Color
R _{YB}	193, 209, 217
Decimal	12704205
CIE Lab	84.67, -10.27, 3.18
CIE LCh	85, 10.750, 162.777
Yxy	65.3709, 0.3035, 0.3431
Android (android.graphics.Color)	4290894285 (0xFFC1D9CD)
YUV	208.4560, -1.7038, -13.5549
Hunter-Lab	80.8523, -13.8275, 7.2202

Details

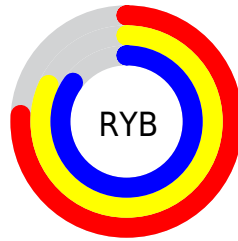
The Yxy color **65.3709, 0.3035, 0.3431** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3015, 0.3230, 0.3153**, and the grayscale version is **63.4064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **33.5640, 0.3007, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **62.2220, 0.2954, 0.3574**, and if you desaturate by 10%, it is **68.9801, 0.3118, 0.3303**.

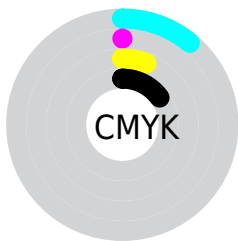
Distribution



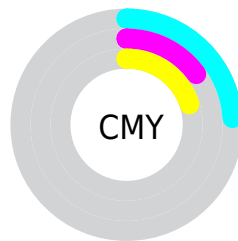
- Red (76%)
- Green (85%)
- Blue (80%)



- Red (76%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (24%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.3709, 0.3035, 0.3431 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 65.3709, 0.3035, 0.3431 by changing the saturation by 10% instead.


 65.3709, 0.3035,
0.3431

 65.3709, 0.3035,
0.3431


444.1236, 0.3079,
0.3364

 47.7619, 0.3025,
0.3447


 112.5829, 0.3050,
0.3407

 33.6384, 0.3012,
0.3467


142.9547, 0.3056,
0.3398

 22.6159, 0.2995,
0.3493


178.3496, 0.3062,
0.3390

 14.3102, 0.2973,
0.3527

219.1519, 0.3066,
0.3384

 8.3367, 0.2941,
0.3576

265.7461, 0.3070,
0.3378

 4.3111, 0.2894,
0.3649

318.5165, 0.3073,

 1.8491, 0.2815,

0.3373

0.3774

377.8475, 0.3076,
0.3368

0.5175, 0.2193,
0.4706

0.0000, 0.0000,
0.0000

65.3709, 0.3035,
0.3431

65.3709, 0.3035,
0.3431

62.2220, 0.2954,
0.3574

68.9801, 0.3118,
0.3303

59.5062, 0.2879,
0.3732

73.0590, 0.3202,
0.3189

57.2061, 0.2811,
0.3904

77.0336, 0.3262,
0.3087

55.2997, 0.2755,
0.4087

77.6887, 0.3189,
0.2982

■ 53.7631, 0.2713,
0.4280

■ 78.1074, 0.3145,
0.2920

■ 52.5695, 0.2689,
0.4477

■ 51.6886, 0.2685,
0.4673

■ 51.0841, 0.2701,
0.4863

■ 50.7222, 0.2729,
0.5024

Harmonies

Analogous

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



65.3709, 0.3169, 0.3508



65.3709, 0.3035, 0.3431



65.3709, 0.2927, 0.3314

Triad

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



65.3709, 0.3035, 0.3431



65.3709, 0.2960, 0.3063



65.3709, 0.3389, 0.3378

Complementary

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



65.3709, 0.3035, 0.3431



57.3015, 0.3230, 0.3153

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.



65.3709, 0.3330, 0.3262



65.3709, 0.3035, 0.3431



65.3709, 0.3081, 0.3083

Square

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



65.3709, 0.3035, 0.3431



65.3709, 0.2884, 0.3102



65.3709, 0.3217, 0.3155



65.3709, 0.3375, 0.3474

Rectangle

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



65.3709, 0.3035, 0.3431



65.3709, 0.2884, 0.3232



65.3709, 0.3217, 0.3155



65.3709, 0.3377, 0.3340

Sweetspot

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



65.3737, 0.3035, 0.3431



98.3341, 0.3102, 0.3327



66.4575, 0.3202, 0.3569



20.9545, 0.3095, 0.3337



0.0000, 0.0000, 0.0000



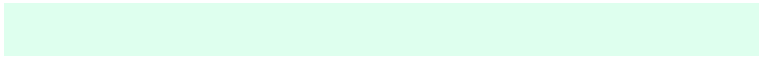
21.4041, 0.3127, 0.3290

Same Dimension

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



65.3737, 0.3035, 0.3431



93.2245, 0.3018, 0.3459



65.9753, 0.2958, 0.3290



14.7144, 0.3048, 0.3409



30.7248, 0.2722, 0.4999



2.0079, 0.2639, 0.4700

Inverse Universe

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



57.3015, 0.3230, 0.3153



79.6204, 0.3252, 0.3127



56.7443, 0.3324, 0.3291



13.1595, 0.3214, 0.3174



9.6123, 0.4951, 0.2501



0.6401, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 65.3709, 0.3035, 0.3431 looks on a white background.

Color Contrast Check

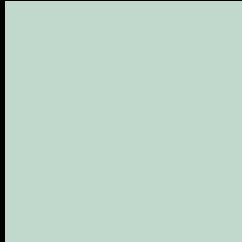
Large Text (above 18pt) WCAG AA × Fail

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 65.3709, 0.3035, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

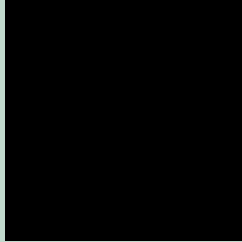
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

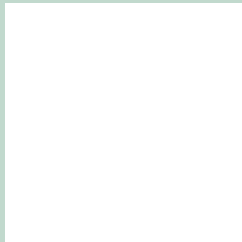
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.3709, 0.3035, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 65.3709, 0.3035, 0.3431.

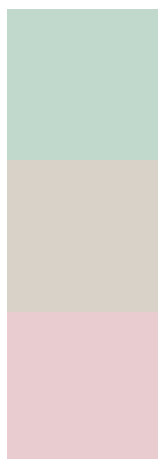


This preview shows how white text looks on a background with the Yxy color 65.3709, 0.3035, 0.3431.

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

65.3709, 0.3035, 0.3431

Protanopia

65.0619, 0.3243, 0.3392

Deuteranopia

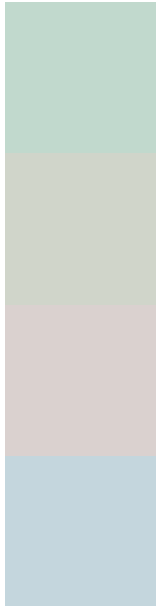
65.0634, 0.3323, 0.3247



Tritanopia

65.1720, 0.2903, 0.3096

Trichromacy



Original Color

65.3709, 0.3035, 0.3431

Protanomaly

65.2627, 0.3166, 0.3417

Deuteranomaly

65.0113, 0.3209, 0.3313

Tritanomaly

65.0494, 0.2953, 0.3209

Monochromacy



Original Color

65.3709, 0.3035, 0.3431

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.7900, 0.3095, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.3709, 0.3035, 0.3431 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(193, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(193, 217, 205)  
}
```

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(193, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 217, 205) }
```

Border

The CSS property to change the border of an element to Yxy 65.3709, 0.3035, 0.3431 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(193, 217, 205) }
```

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

```
.border{ border-color:rgb(193, 217, 205) }
```

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

Here you see how a box with a 4 pixel rgb(193, 217, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(193, 217,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 65.3709, 0.3035, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 217, 205) }
```

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

```
.background{ background-color: rgb(193,  
217, 205) }
```

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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