

Converting Colors

Yxy(64.9658, 0.3019, 0.3415)

Have a look what the booklet for
Yxy(64.9658, 0.3019, 0.3415)
contains.

Yxy(65.2884, 0.3022, 0.3419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.2884, 0.3022, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	C0D9CE
RGB	192, 217, 206
RGB Percent	75%, 85%, 81%
CMY	0.2468, 0.1491, 0.1921
CMYK	0.11, 0.00, 0.05, 0.15
HSL	154°, 25%, 80%
HSV	154°, 11%, 85%
XYZ	57.7074, 65.2884, 67.9618
YIQ	208.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

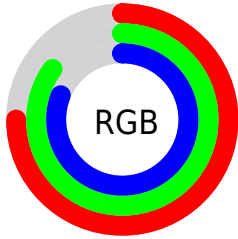
Format	Color
RYB	192, 208, 217
Decimal	12638670
CIELab	84.63, -10.38, 2.58
CIELCh	85, 10.692, 166.028
Yxy	65.2884, 0.3022, 0.3419
Android (android.graphics.Color)	4290828750 (0xFFC0D9CE)
YUV	208.2710, -1.1196, -14.2697
Hunter-Lab	80.8012, -13.9194, 6.6921

Details

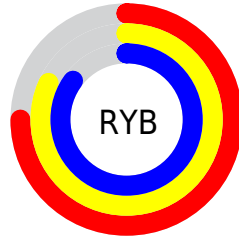
The Yxy color **65.2884, 0.3022, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7969, 0.3246, 0.3165**, and the grayscale version is **63.2844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **33.5109, 0.2990, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **62.2124, 0.2934, 0.3545**, and if you desaturate by 10%, it is **68.8158, 0.3113, 0.3306**.

Distribution



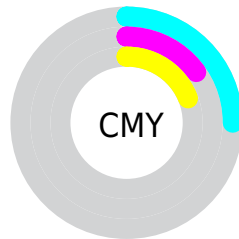
- Red (75%)
- Green (85%)
- Blue (81%)



- Red (75%)
- Yellow (82%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (5%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2884, 0.3022, 0.3419 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 65.2884, 0.3022, 0.3419 by changing the saturation by 10% instead.

65.2884, 0.3022,
0.3419

65.2884, 0.3022,
0.3419

443.8276, 0.3072,
0.3358

47.6950, 0.3010,
0.3433

112.4644, 0.3040,
0.3397

33.5854, 0.2996,
0.3452

142.8157, 0.3046,
0.3389

22.5753, 0.2977,
0.3475

178.1885, 0.3052,
0.3382

14.2802, 0.2951,
0.3507

218.9671, 0.3057,
0.3376

8.3158, 0.2916,
0.3551

265.5359, 0.3062,
0.3370

4.2977, 0.2863,
0.3618

318.2794, 0.3065,

1.8414, 0.2774,

0.3366

377.5818, 0.3069,
0.3361

0.3731

0.5128, 0.2081,
0.4559

0.0000, 0.0000,
0.0000

65.2884, 0.3022,
0.3419

65.2884, 0.3022,
0.3419

62.2124, 0.2934,
0.3545

68.8158, 0.3113,
0.3306

59.5609, 0.2851,
0.3684


72.8038, 0.3206,
0.3205


57.3164, 0.2778,
0.3834


76.8574, 0.3282,
0.3114

55.4574, 0.2717,
0.3995


77.4237, 0.3217,
0.3022


 53.9600, 0.2671,
0.4163

 78.0202, 0.3152,
0.2931

 52.7977, 0.2643,
0.4336

 78.0975, 0.3145,
0.2920

 51.9401, 0.2635,
0.4509

 51.3510, 0.2648,
0.4678

 51.0084, 0.2672,
0.4818

Harmonies

Analogous

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



65.2884, 0.3154, 0.3502



65.2884, 0.3022, 0.3419



65.2884, 0.2919, 0.3300

Triad

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



65.2884, 0.3022, 0.3419



65.2884, 0.2972, 0.3064



65.2884, 0.3390, 0.3389

Complementary

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



65.2884, 0.3022, 0.3419



56.7969, 0.3246, 0.3165

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.



65.2884, 0.3339, 0.3275



65.2884, 0.3022, 0.3419



65.2884, 0.3096, 0.3090

Square

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



65.2884, 0.3022, 0.3419



65.2884, 0.2891, 0.3096



65.2884, 0.3230, 0.3166



65.2884, 0.3368, 0.3481

Rectangle

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



65.2884, 0.3022, 0.3419



65.2884, 0.2880, 0.3219



65.2884, 0.3230, 0.3166



65.2884, 0.3381, 0.3352

Sweetspot

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



65.2912, 0.3022, 0.3419



98.3627, 0.3099, 0.3322



66.1634, 0.3195, 0.3581



20.9622, 0.3092, 0.3331



0.0000, 0.0000, 0.0000



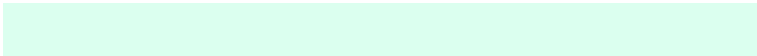
21.4041, 0.3127, 0.3290

Same Dimension

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



65.2912, 0.3022, 0.3419



92.8751, 0.2998, 0.3451



65.2036, 0.2952, 0.3275



14.7277, 0.3040, 0.3395



30.9045, 0.2665, 0.4794



2.0194, 0.2590, 0.4524

Inverse Universe

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



56.7969, 0.3246, 0.3165



78.0792, 0.3278, 0.3134



56.8416, 0.3330, 0.3305



13.1463, 0.3223, 0.3187



9.4568, 0.5200, 0.2638



0.6298, 0.4795, 0.2415

Previews

White Background



This preview shows how the Yxy color 65.2884, 0.3022, 0.3419 looks on a white background.

Color Contrast Check

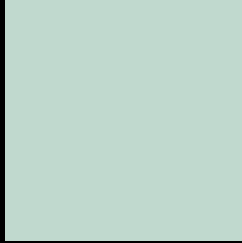
Large Text (above 18pt) WCAG AA × Fail

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 65.2884, 0.3022, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

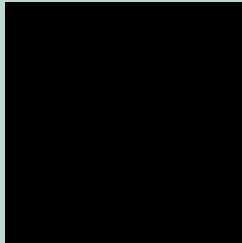
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

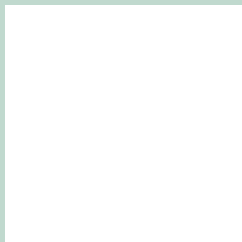
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2884, 0.3022, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 65.2884, 0.3022, 0.3419.

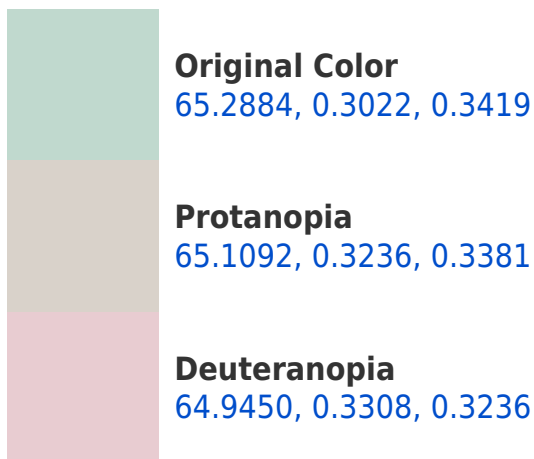


This preview shows how white text looks on a background with the Yxy color 65.2884, 0.3022, 0.3419.

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





Tritanopia

65.0374, 0.2896, 0.3096

Trichromacy



Original Color

65.2884, 0.3022, 0.3419

Protanomaly

65.3102, 0.3159, 0.3405

Deuteranomaly

64.9067, 0.3194, 0.3301

Tritanomaly

64.9157, 0.2946, 0.3209

Monochromacy



Original Color

65.2884, 0.3022, 0.3419

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6501, 0.3088, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2884, 0.3022, 0.3419 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(192, 217, 206)` looks like.

```
.text, #text, p{  
    color:rgb(192, 217, 206)  
}
```

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(192, 217, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 217, 206) }
```

Border

The CSS property to change the border of an element to Yxy 65.2884, 0.3022, 0.3419 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(192, 217, 206) }
```

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

```
.border{ border-color:rgb(192, 217, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 217, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 217, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 217, 206);  
box-shadow:4px 4px 4px 4px rgb(192, 217,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2884, 0.3022, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 217, 206) }
```

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

```
.background{ background-color: rgb(192,  
217, 206) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor