

Converting Colors

Yxy(65.0784, 0.3192, 0.3323)

Have a look what the booklet for
Yxy(65.0784, 0.3192, 0.3323)
contains.

Yxy(65.1971, 0.3193, 0.3324)	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(65.1971, 0.3193, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	D8D2CF
RGB	216, 210, 207
RGB Percent	85%, 82%, 81%
CMY	0.1529, 0.1764, 0.1882
CMYK	0.00, 0.03, 0.04, 0.15
HSL	20°, 10%, 83%
HSV	20°, 4%, 85%
XYZ	62.6277, 65.1971, 68.3157
YIQ	211.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

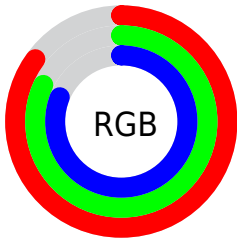
Format	Color
R _Y B	216, 212, 207
Decimal	14209743
CIE Lab	84.59, 1.53, 2.20
CIE LCh	85, 2.685, 55.180
Yxy	65.1971, 0.3193, 0.3324
Android (android.graphics.Color)	4292399823 (0xFFD8D2CF)
YUV	211.4520, -2.1948, 3.9886
Hunter-Lab	80.7447, -2.8541, 6.3578

Details

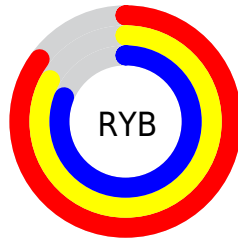
The Yxy color **65.1971, 0.3193, 0.3324** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8103, 0.3063, 0.3256**, and the grayscale version is **65.4700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.6539, 0.3204, 0.3335** is the 20% darker color. If you saturate the color by 10%, you get **57.4253, 0.3371, 0.3410**, and if you desaturate by 10%, it is **73.7581, 0.3042, 0.3244**.

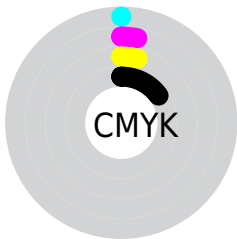
Distribution



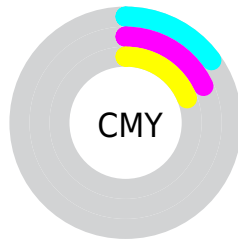
- Red (85%)
- Green (82%)
- Blue (81%)



- Red (85%)
- Yellow (83%)
- Blue (81%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1971, 0.3193, 0.3324 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 65.1971, 0.3193, 0.3324 by changing the saturation by 10% instead.

■ 65.1971, 0.3193,
0.3324

■ 65.1971, 0.3193,
0.3324

443.4999, 0.3162,
0.3308

■ 47.6209, 0.3200,
0.3328

112.3332, 0.3182,
0.3318

■ 33.5268, 0.3209,
0.3332

142.6619, 0.3178,
0.3316

■ 22.5303, 0.3221,
0.3338

178.0102, 0.3174,
0.3314

■ 14.2471, 0.3237,
0.3346

218.7625, 0.3171,
0.3313

■ 8.2927, 0.3258,
0.3357

265.3033, 0.3168,
0.3311

■ 4.2828, 0.3291,
0.3373

318.0168, 0.3166,

■ 1.8330, 0.3345,

0.3310

0.3399

377.2876, 0.3164,
0.3309

0.5076, 0.3646,
0.3559

0.0000, 0.0000,
0.0000

65.1971, 0.3193,
0.3324

65.1971, 0.3193,
0.3324

57.4253, 0.3371,
0.3410

73.7581, 0.3042,
0.3244

50.4116, 0.3581,
0.3500

83.1213, 0.2915,
0.3171

44.1351, 0.3826,
0.3593

92.1805, 0.2894,
0.3271

38.5709, 0.4109,
0.3682

93.3388, 0.2894,
0.3289

■ 33.6925, 0.4428,
0.3761

■ 29.4719, 0.4775,
0.3820

■ 25.8785, 0.5130,
0.3845

■ 22.8792, 0.5468,
0.3826

■ 20.4369, 0.5753,
0.3757

Harmonies

Analogous

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



65.1971, 0.3186, 0.3296



65.1971, 0.3193, 0.3324



65.1971, 0.3183, 0.3343

Triad

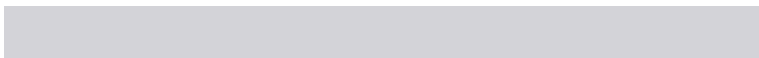
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.1971, 0.3193, 0.3324



65.1971, 0.3092, 0.3314



65.1971, 0.3097, 0.3233

Complementary

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



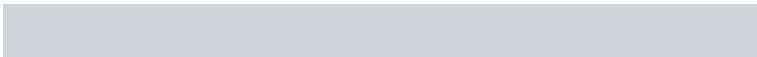
65.1971, 0.3193, 0.3324



65.8103, 0.3063, 0.3256

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.



65.1971, 0.3072, 0.3237



65.1971, 0.3193, 0.3324



65.1971, 0.3069, 0.3284

Square

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



65.1971, 0.3193, 0.3324



65.1971, 0.3124, 0.3338



65.1971, 0.3062, 0.3256



65.1971, 0.3130, 0.3244

Rectangle

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



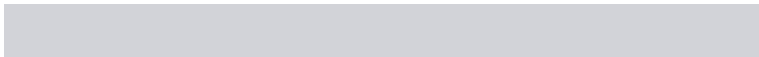
65.1971, 0.3193, 0.3324



65.1971, 0.3167, 0.3348



65.1971, 0.3062, 0.3256



65.1971, 0.3087, 0.3233

Sweetspot

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



65.1999, 0.3193, 0.3324



98.7577, 0.3143, 0.3298



64.0299, 0.3153, 0.3223



21.1513, 0.3142, 0.3298



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.



65.1999, 0.3193, 0.3324



93.9055, 0.3208, 0.3331



67.4505, 0.3189, 0.3374



13.7297, 0.3218, 0.3336



11.5701, 0.5866, 0.3724



0.8481, 0.5529, 0.3992

Inverse Universe

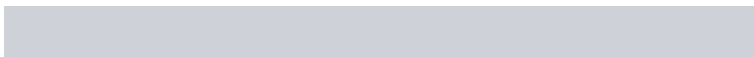
The Inverse Universe completely reimagines the original color for something new.



65.8103, 0.3063, 0.3256



94.9761, 0.3050, 0.3248



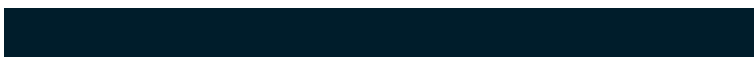
63.5806, 0.3065, 0.3204



13.9056, 0.3040, 0.3243



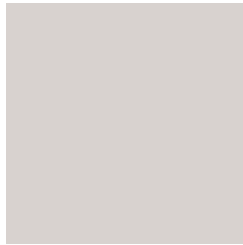
14.9291, 0.1935, 0.2167



1.0499, 0.1996, 0.2384

Previews

White Background



This preview shows how the Yxy color 65.1971, 0.3193, 0.3324 looks on a white background.

Color Contrast Check

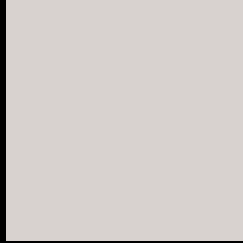
Large Text (above 18pt) WCAG AA × Fail

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 65.1971, 0.3193, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

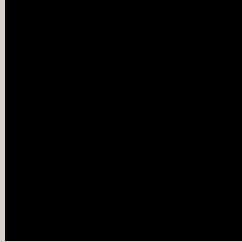
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

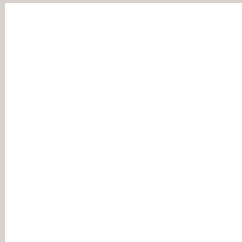
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1971, 0.3193, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 65.1971, 0.3193, 0.3324.

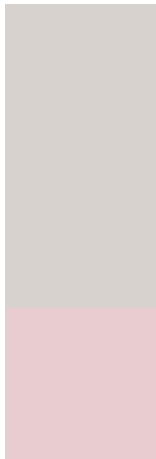


This preview shows how white text looks on a background with the Yxy color 65.1971, 0.3193, 0.3324.

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

65.1971, 0.3193, 0.3324

Protanopia

65.1971, 0.3193, 0.3324

Deuteranopia

64.8956, 0.3315, 0.3247



Tritanopia

64.9129, 0.3091, 0.3102

Trichromacy



Original Color

65.1971, 0.3193, 0.3324

Protanomaly

65.1971, 0.3193, 0.3324

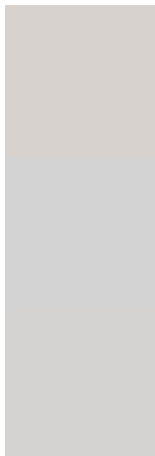
Deuteranomaly

64.8654, 0.3266, 0.3268

Tritanomaly

64.9254, 0.3125, 0.3179

Monochromacy



Original Color

65.1971, 0.3193, 0.3324

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3878, 0.3149, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1971, 0.3193, 0.3324 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(216, 210, 207) looks like.

```
.text, #text, p{  
    color:rgb(216, 210, 207)  
}
```

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(216, 210, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 210, 207) }
```

Border

The CSS property to change the border of an element to Yxy 65.1971, 0.3193, 0.3324 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(216, 210, 207) }
```

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

```
.border{ border-color:rgb(216, 210, 207) }
```

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

Here you see how a box with a 4 pixel rgb(216, 210, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 210, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 210, 207);  
box-shadow:4px 4px 4px 4px rgb(216, 210,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1971, 0.3193, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 210, 207) }
```

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

```
.background{ background-color: rgb(216,  
210, 207) }
```

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