

Converting Colors

Yxy(65.8588, 0.3242, 0.3523)

Have a look what the booklet for
Yxy(65.8588, 0.3242, 0.3523)
contains.

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Color

Yxy(65.8371, 0.3243, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	D3D6C2
RGB	211, 214, 194
RGB Percent	83%, 84%, 76%
CMY	0.1724, 0.1608, 0.2392
CMYK	0.01, 0.00, 0.09, 0.16
HSL	69°, 20%, 80%
HSV	69°, 9%, 84%
XYZ	60.6562, 65.8371, 60.5439
YIQ	210.8230, 4.6320, -6.8560

Conversions

Conversions Part 2

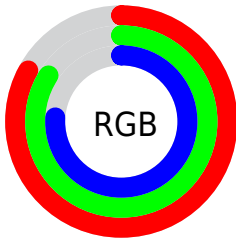
Format	Color
RYB	194, 214, 197
Decimal	13883074
CIELab	84.91, -4.50, 9.53
CIELCh	85, 10.533, 115.261
Yxy	65.8371, 0.3243, 0.3520
Android (android.graphics.Color)	4292073154 (0xFFD3D6C2)
YUV	210.8230, -8.2937, 0.1552
Hunter-Lab	81.1401, -8.5576, 12.5579

Details

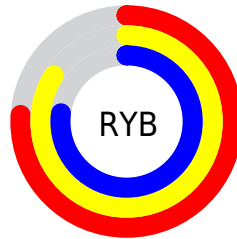
The Yxy color **65.8371, 0.3243, 0.3520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.2972, 0.3005, 0.3053**, and the grayscale version is **65.0769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.7576, 0.3271, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **64.4848, 0.3369, 0.3776**, and if you desaturate by 10%, it is **67.3428, 0.3119, 0.3274**.

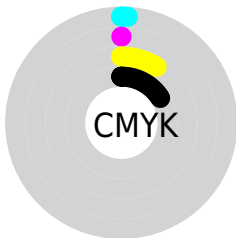
Distribution



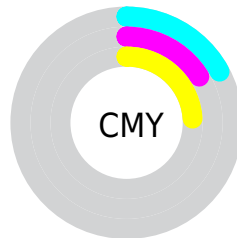
- Red (83%)
- Green (84%)
- Blue (76%)



- Red (76%)
- Yellow (84%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)



- Cyan (17%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8371, 0.3243, 0.3520 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 65.8371, 0.3243, 0.3520 by changing the saturation by 10% instead.

■ 65.8371, 0.3243,
0.3520

■ 65.8371, 0.3243,
0.3520

445.7941, 0.3189,
0.3411

■ 48.1402, 0.3255,
0.3546

■ 113.2525, 0.3224,
0.3481

■ 33.9379, 0.3271,
0.3578

143.7398, 0.3217,
0.3467

■ 22.8459, 0.3291,
0.3620

179.2593, 0.3211,
0.3454

■ 14.4798, 0.3317,
0.3675

220.1954, 0.3205,
0.3443

■ 8.4551, 0.3352,
0.3753

266.9325, 0.3200,
0.3433

■ 4.3875, 0.3404,
0.3870

319.8551, 0.3196,

■ 1.8926, 0.3485,

0.3425

0.4064

379.3475, 0.3192,
0.3417

0.5439, 0.4282,
0.5718

0.0000, 0.0000,
0.0000

65.8371, 0.3243,
0.3520

65.8371, 0.3243,
0.3520

64.4848, 0.3369,
0.3776

67.3428, 0.3119,
0.3274

63.2713, 0.3494,
0.4038


68.9988, 0.3000,
0.3043


62.1931, 0.3612,
0.4295


70.6061, 0.2908,
0.2861


61.2433, 0.3719,
0.4540


71.1049, 0.2929,
0.2863

 60.4145, 0.3810,
0.4762

 71.6131, 0.2950,
0.2866

 59.6982, 0.3878,
0.4949


 72.1307, 0.2972,
0.2869

 59.0849, 0.3921,
0.5095

 72.6578, 0.2993,
0.2871

 58.5634, 0.3938,
0.5195

 73.1944, 0.3015,
0.2874

 58.1149, 0.3933,
0.5256

 73.7405, 0.3037,
0.2877

Harmonies

Analogous

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



65.8371, 0.3344, 0.3497



65.8371, 0.3243, 0.3520



65.8371, 0.3113, 0.3478

Triad

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



65.8371, 0.3243, 0.3520



65.8371, 0.2875, 0.3153



65.8371, 0.3266, 0.3199

Complementary

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



65.8371, 0.3243, 0.3520



55.2972, 0.3005, 0.3053

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.



65.8371, 0.3138, 0.3112



65.8371, 0.3243, 0.3520



65.8371, 0.2913, 0.3084

Square

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



65.8371, 0.3243, 0.3520



65.8371, 0.2902, 0.3263



65.8371, 0.3009, 0.3069



65.8371, 0.3358, 0.3310

Rectangle

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



65.8371, 0.3243, 0.3520



65.8371, 0.3027, 0.3419



65.8371, 0.3009, 0.3069



65.8371, 0.3225, 0.3166

Sweetspot

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



65.8400, 0.3243, 0.3520



99.3036, 0.3164, 0.3363



57.9675, 0.3286, 0.3321



21.2160, 0.3174, 0.3383



0.0000, 0.0000, 0.0000



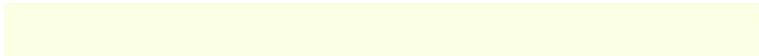
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8400, 0.3243, 0.3520



97.5468, 0.3265, 0.3565



64.4475, 0.3170, 0.3525



14.4228, 0.3244, 0.3522



35.1476, 0.3937, 0.5256



2.1458, 0.3984, 0.5219

Inverse Universe

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



55.2972, 0.3005, 0.3053



79.1345, 0.2980, 0.3005



56.6510, 0.3080, 0.3058



12.0957, 0.3004, 0.3051



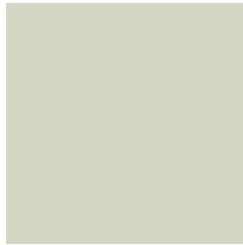
3.1439, 0.1563, 0.0635



0.2183, 0.1700, 0.0710

Previews

White Background



This preview shows how the Yxy color 65.8371, 0.3243, 0.3520 looks on a white background.

Color Contrast Check

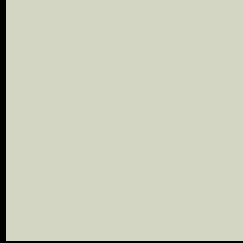
Large Text (above 18pt) WCAG AA × Fail

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 65.8371, 0.3243, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

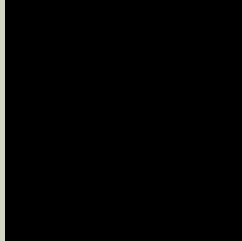
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

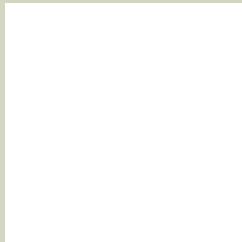
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8371, 0.3243, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 65.8371, 0.3243, 0.3520.



This preview shows how white text looks on a background with the Yxy color 65.8371, 0.3243, 0.3520.

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

65.8371, 0.3243, 0.3520

Protanopia

65.6544, 0.3322, 0.3494

Deuteranopia

65.3484, 0.3453, 0.3378



Tritanopia

65.6908, 0.3062, 0.3102

Trichromacy



Original Color

65.8371, 0.3243, 0.3520

Protanomaly

65.6889, 0.3298, 0.3506

Deuteranomaly

65.5459, 0.3375, 0.3435

Tritanomaly

65.7397, 0.3129, 0.3256

Monochromacy



Original Color

65.8371, 0.3243, 0.3520

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.3436, 0.3168, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8371, 0.3243, 0.3520 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(211, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(211, 214, 194)  
}
```

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(211, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 214, 194) }
```

Border

The CSS property to change the border of an element to Yxy 65.8371, 0.3243, 0.3520 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(211, 214, 194) }
```

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

```
.border{ border-color:rgb(211, 214, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(211, 214,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8371, 0.3243, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 214, 194) }
```

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

```
.background{ background-color: rgb(211,  
214, 194) }
```

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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