

Converting Colors

Yxy(65.2151, 0.3205, 0.3530)

Have a look what the booklet for
Yxy(65.2151, 0.3205, 0.3530)
contains.

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Color

Yxy(65.1100, 0.3205, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	CE D6 C2
RGB	206, 214, 194
RGB Percent	81%, 84%, 76%
CMY	0.1922, 0.1607, 0.2393
CMYK	0.04, 0.00, 0.09, 0.16
HSL	84°, 20%, 80%
HSV	84°, 9%, 84%
XYZ	59.2329, 65.1100, 60.4712
YIQ	209.3280, 1.6520, -7.9160

Conversions

Conversions Part 2

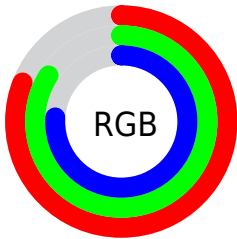
Format	Color
RYB	194, 214, 202
Decimal	13555394
CIELab	84.54, -6.28, 8.95
CIELCh	85, 10.933, 125.066
Yxy	65.1100, 0.3205, 0.3523
Android (android.graphics.Color)	4291745474 (0xFFCED6C2)
YUV	209.3280, -7.5567, -2.9187
Hunter-Lab	80.6908, -10.1768, 12.0505

Details

The Yxy color **65.1100, 0.3205, 0.3523** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9867, 0.3044, 0.3055**, and the grayscale version is **64.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **33.3651, 0.3231, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **63.0260, 0.3288, 0.3790**, and if you desaturate by 10%, it is **67.4050, 0.3122, 0.3275**.

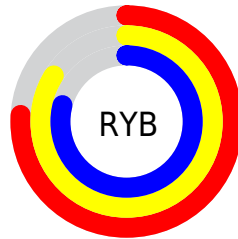
Distribution



Red (81%)

Green (84%)

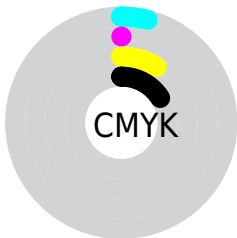
Blue (76%)



Red (76%)

Yellow (84%)

Blue (79%)

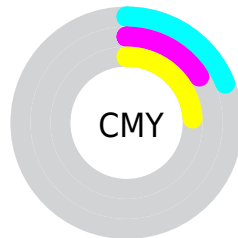


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (19%)

Magenta (16%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.1100, 0.3205, 0.3523 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 65.1100, 0.3205, 0.3523 by changing the saturation by 10% instead.

65.1100, 0.3205,
0.3523

65.1100, 0.3205,
0.3523

443.1872, 0.3169,
0.3412

47.5503, 0.3213,
0.3549

112.2080, 0.3192,
0.3484

33.4709, 0.3223,
0.3582

142.5150, 0.3188,
0.3469

22.4874, 0.3236,
0.3625

177.8400, 0.3183,
0.3456

14.2155, 0.3253,
0.3682

218.5673, 0.3180,
0.3445

8.2707, 0.3276,
0.3763

265.0812, 0.3177,
0.3435

4.2686, 0.3309,
0.3886

317.7662, 0.3174,

1.8249, 0.3359,

0.3426

0.4093

377.0068, 0.3171,
0.3419

0.5026, 0.3922,
0.6078

0.0000, 0.0000,
0.0000

65.1100, 0.3205,
0.3523

65.1100, 0.3205,
0.3523

63.0260, 0.3288,
0.3790

67.4050, 0.3122,
0.3275

61.1376, 0.3368,
0.4070

69.9092, 0.3041,
0.3047

59.4403, 0.3441,
0.4357

72.4249, 0.2984,
0.2870

57.9261, 0.3503,
0.4641

73.8922, 0.3043,
0.2878

■ 56.5864, 0.3548,
0.4909

■ 75.4304, 0.3103,
0.2885

■ 55.4117, 0.3573,
0.5149

■ 76.5787, 0.3146,
0.2891

■ 54.3913, 0.3574,
0.5347

■ 53.5129, 0.3551,
0.5494

■ 52.7563, 0.3508,
0.5593

Harmonies

Analogous

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



65.1100, 0.3324, 0.3521



65.1100, 0.3205, 0.3523



65.1100, 0.3067, 0.3459

Triad

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



65.1100, 0.3205, 0.3523



65.1100, 0.2870, 0.3118



65.1100, 0.3309, 0.3231

Complementary

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



65.1100, 0.3205, 0.3523



55.9867, 0.3044, 0.3055

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.



65.1100, 0.3184, 0.3130



65.1100, 0.3205, 0.3523



65.1100, 0.2931, 0.3064

Square

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



65.1100, 0.3205, 0.3523



65.1100, 0.2876, 0.3221



65.1100, 0.3045, 0.3069



65.1100, 0.3385, 0.3350

Rectangle

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



65.1100, 0.3205, 0.3523



65.1100, 0.2983, 0.3388



65.1100, 0.3045, 0.3069



65.1100, 0.3271, 0.3194

Sweetspot

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



65.1128, 0.3205, 0.3523



98.9405, 0.3152, 0.3364



60.4291, 0.3280, 0.3383



21.1178, 0.3159, 0.3384



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.



65.1128, 0.3205, 0.3523



96.2543, 0.3220, 0.3568



63.7262, 0.3131, 0.3528



14.2603, 0.3206, 0.3525



31.9184, 0.3514, 0.5592



1.9727, 0.3630, 0.5499

Inverse Universe

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



55.9867, 0.3044, 0.3055



80.3400, 0.3027, 0.3009



57.4280, 0.3122, 0.3061



12.2490, 0.3043, 0.3053



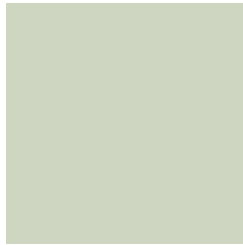
4.1791, 0.1851, 0.0793



0.2995, 0.2048, 0.0902

Previews

White Background



This preview shows how the Yxy color 65.1100, 0.3205, 0.3523 looks on a white background.

Color Contrast Check

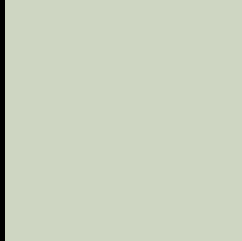
Large Text (above 18pt) WCAG AA × Fail

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 65.1100, 0.3205, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

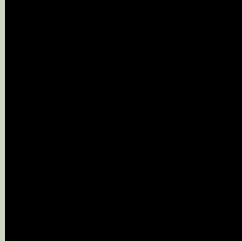
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

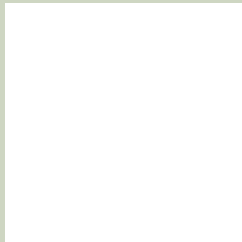
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.1100, 0.3205, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 65.1100, 0.3205, 0.3523.



This preview shows how white text looks on a background with the Yxy color 65.1100, 0.3205, 0.3523.

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

65.1100, 0.3205, 0.3523

Protanopia

64.9590, 0.3323, 0.3495

Deuteranopia

64.7019, 0.3447, 0.3367



Tritanopia

64.9408, 0.3026, 0.3100

Trichromacy



Original Color

65.1100, 0.3205, 0.3523

Protanomaly

64.7349, 0.3276, 0.3497

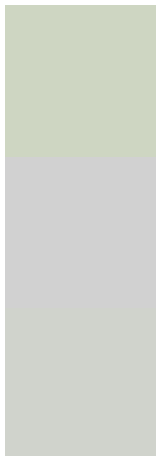
Deuteranomaly

64.7345, 0.3361, 0.3424

Tritanomaly

64.9989, 0.3092, 0.3256

Monochromacy



Original Color

65.1100, 0.3205, 0.3523

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3581, 0.3153, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1100, 0.3205, 0.3523 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(206, 214, 194)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 214, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 214, 194) }
```

Border

The CSS property to change the border of an element to Yxy 65.1100, 0.3205, 0.3523 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(206, 214, 194) }
```

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

```
.border{ border-color:rgb(206, 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(206, 214, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 214, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 214, 194);  
box-shadow:4px 4px 4px 4px rgb(206, 214,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1100, 0.3205, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 214, 194) }
```

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

```
.background{ background-color: rgb(206,  
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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