

Converting Colors

$Yxy(64.8845, 0.3398, 0.3720)$

Have a look what the booklet for
Yxy(64.8845, 0.3398, 0.3720)
contains.

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Color

Yxy(65.0192, 0.3395, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	D6D5B0
RGB	214, 213, 176
RGB Percent	84%, 84%, 69%
CMY	0.1606, 0.1647, 0.3099
CMYK	0.00, 0.00, 0.18, 0.16
HSL	58°, 32%, 76%
HSV	58°, 18%, 84%
XYZ	59.3707, 65.0192, 50.4869
YIQ	209.0810, 12.4730, -11.2950

Conversions

Conversions Part 2

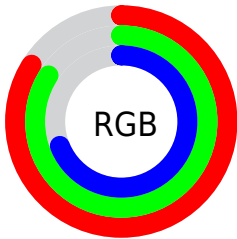
Format	Color
RYB	177, 214, 176
Decimal	14079408
CIELab	84.49, -5.75, 18.47
CIELCh	84, 19.340, 107.294
Yxy	65.0192, 0.3395, 0.3718
Android (android.graphics.Color)	4292269488 (0xFFD6D5B0)
YUV	209.0810, -16.3089, 4.3140
Hunter-Lab	80.6345, -9.6819, 19.3214

Details

The Yxy color **65.0192, 0.3395, 0.3718** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.5451, 0.2837, 0.2823**, and the grayscale version is **63.9231, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **33.2547, 0.3463, 0.3826** is the 20% darker color. If you saturate the color by 10%, you get **63.9435, 0.3549, 0.3963**, and if you desaturate by 10%, it is **66.2354, 0.3242, 0.3475**.

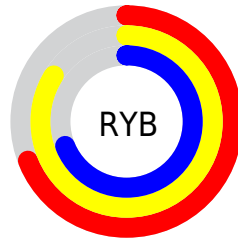
Distribution



Red (84%)

Green (84%)

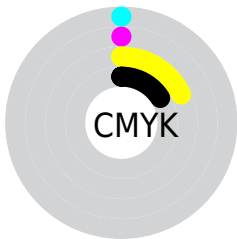
Blue (69%)



Red (69%)

Yellow (84%)

Blue (69%)

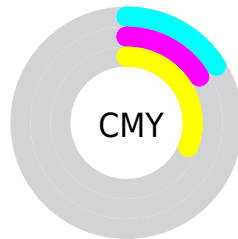


Cyan (0%)

Magenta (0%)

Yellow (18%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0192, 0.3395, 0.3718 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 65.0192, 0.3395, 0.3718 by changing the saturation by 10% instead.


 65.0192, 0.3395,
0.3718

 65.0192, 0.3395,
0.3718


442.8610, 0.3270,
0.3514

 47.4766, 0.3424,
0.3766


 112.0775, 0.3352,
0.3646

 33.4126, 0.3459,
0.3826

142.3620, 0.3335,
0.3618

 22.4427, 0.3504,
0.3904


177.6626, 0.3320,
0.3595

 14.1826, 0.3562,
0.4007

218.3637, 0.3308,
0.3574

 8.2478, 0.3640,
0.4150

264.8497, 0.3296,
0.3556

 4.2539, 0.3749,
0.4361

317.5049, 0.3287,

 1.8166, 0.3992,

0.3540

0.4803

376.7139, 0.3278,
0.3526

0.4975, 0.4006,
0.5994

0.0000, 0.0000,
0.0000

65.0192, 0.3395,
0.3718

65.0192, 0.3395,
0.3718

63.9435, 0.3549,
0.3963

66.2354, 0.3242,
0.3475

62.9933, 0.3700,
0.4200

67.5892, 0.3095,
0.3239

62.1648, 0.3841,
0.4422

69.0890, 0.2956,
0.3014

61.4507, 0.3968,
0.4617

70.3073, 0.2865,
0.2870

60.8427, 0.4073,
0.4778

70.6098, 0.2865,
0.2876

60.3316, 0.4154,
0.4897

70.9134, 0.2866,
0.2883

59.9065, 0.4208,
0.4972

71.2181, 0.2866,
0.2889

59.5521, 0.4237,
0.5008

71.5239, 0.2866,
0.2896

59.4776, 0.4243,
0.5013

71.8308, 0.2866,
0.2902

Harmonies

Analogous

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



65.0192, 0.3560, 0.3637



65.0192, 0.3395, 0.3718



65.0192, 0.3162, 0.3677

Triad

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



65.0192, 0.3395, 0.3718



65.0192, 0.2670, 0.3081



65.0192, 0.3322, 0.3076

Complementary

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



65.0192, 0.3395, 0.3718



45.5451, 0.2837, 0.2823

Split Complementary

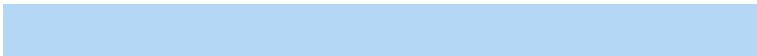
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0192, 0.3078, 0.2939



65.0192, 0.3395, 0.3718



65.0192, 0.2708, 0.2935

Square

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



65.0192, 0.3395, 0.3718



65.0192, 0.2748, 0.3295



65.0192, 0.2854, 0.2887



65.0192, 0.3519, 0.3267

Rectangle

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



65.0192, 0.3395, 0.3718



65.0192, 0.3001, 0.3582



65.0192, 0.2854, 0.2887



65.0192, 0.3243, 0.3022

Sweetspot

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



65.0221, 0.3395, 0.3718



98.9812, 0.3201, 0.3409



48.5326, 0.3458, 0.3276



21.1563, 0.3212, 0.3426



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.



65.0221, 0.3395, 0.3718



96.0775, 0.3448, 0.3802



63.0240, 0.3256, 0.3749



14.4583, 0.3267, 0.3514



35.9599, 0.4242, 0.5014



2.1879, 0.4233, 0.5021

Inverse Universe

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



45.5451, 0.2837, 0.2823



62.3789, 0.2774, 0.2721



47.3384, 0.2979, 0.2829



12.0631, 0.2981, 0.3056



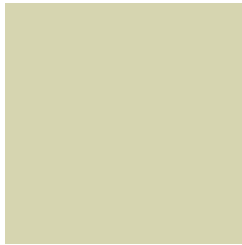
3.0371, 0.1505, 0.0619



0.2030, 0.1522, 0.0678

Previews

White Background



This preview shows how the Yxy color 65.0192, 0.3395, 0.3718 looks on a white background.

Color Contrast Check

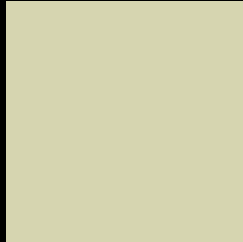
Large Text (above 18pt) WCAG AA × Fail

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 65.0192, 0.3395, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

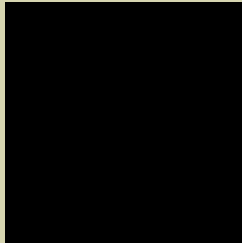
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

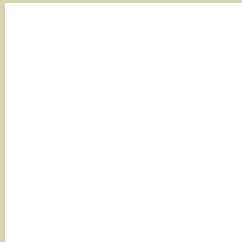
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0192, 0.3395, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 65.0192, 0.3395, 0.3718.



This preview shows how white text looks on a background with the Yxy color 65.0192, 0.3395, 0.3718.

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

65.0192, 0.3395, 0.3718

Protanopia

64.8763, 0.3479, 0.3687

Deuteranopia

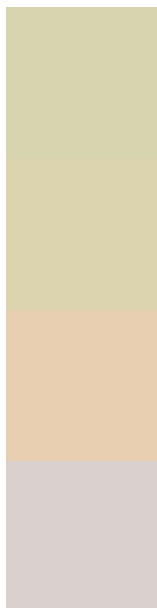
64.9809, 0.3636, 0.3561



Tritanopia

64.6860, 0.3113, 0.3103

Trichromacy



Original Color

65.0192, 0.3395, 0.3718

Protanomaly

64.8993, 0.3453, 0.3701

Deuteranomaly

64.9558, 0.3544, 0.3623

Tritanomaly

64.9626, 0.3216, 0.3324

Monochromacy



Original Color

65.0192, 0.3395, 0.3718

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.9733, 0.3226, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0192, 0.3395, 0.3718 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(214, 213, 176)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 176)  
}
```

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(214, 213, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 176) }
```

Border

The CSS property to change the border of an element to Yxy 65.0192, 0.3395, 0.3718 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(214, 213, 176) }
```

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

```
.border{ border-color:rgb(214, 213, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 176);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0192, 0.3395, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 176) }
```

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

```
.background{ background-color: rgb(214,  
213, 176) }
```

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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