

Converting Colors

Yxy(64.5901, 0.3591, 0.4168)

Have a look what the booklet for
Yxy(64.5901, 0.3591, 0.4168)
contains.

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Color

Yxy(64.5901, 0.3591, 0.4168)

Conversions

Conversions Part 1

Format	Color
Hex	D1D88D
RGB	209, 216, 141
RGB Percent	82%, 85%, 55%
CMY	0.1806, 0.1529, 0.4471
CMYK	0.03, 0.00, 0.35, 0.15
HSL	66°, 49%, 70%
HSV	66°, 35%, 85%
XYZ	55.6485, 64.5901, 34.7280
YIQ	205.3570, 19.9030, -24.8090

Conversions

Conversions Part 2

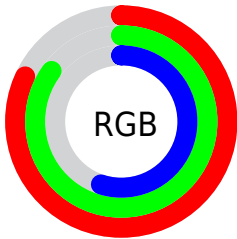
Format	Color
RYB	141, 216, 148
Decimal	13752461
CIELab	84.27, -13.92, 36.23
CIElCh	84, 38.816, 111.014
Yxy	64.5901, 0.3591, 0.4168
Android (android.graphics.Color)	4291942541 (0xFFD1D88D)
YUV	205.3570, -31.7280, 3.1949
Hunter-Lab	80.3680, -17.0467, 30.6376

Details

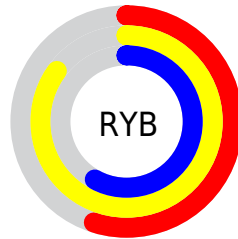
The Yxy color **64.5901, 0.3591, 0.4168** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.3055, 0.2558, 0.2270**, and the grayscale version is **61.4832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **33.0002, 0.3682, 0.4382** is the 20% darker color. If you saturate the color by 10%, you get **63.7170, 0.3714, 0.4413**, and if you desaturate by 10%, it is **65.5982, 0.3459, 0.3913**.

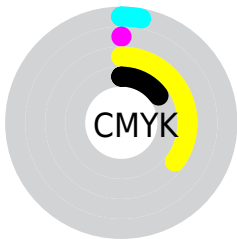
Distribution



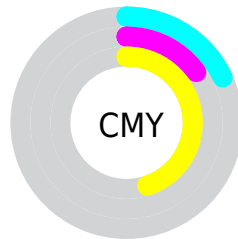
- Red (82%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (58%)



- Cyan (3%)
- Magenta (0%)
- Yellow (35%)
- Black (15%)




- Cyan (18%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.5901, 0.3591, 0.4168 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 64.5901, 0.3591, 0.4168 by changing the saturation by 10% instead.


 64.5901, 0.3591,
0.4168

 64.5901, 0.3591,
0.4168


441.3175, 0.3382,
0.3746

 47.1288, 0.3636,
0.4267

 111.4603, 0.3521,
0.4019

 33.1375, 0.3688,
0.4389


 141.6381, 0.3493,
0.3962

 22.2318, 0.3751,
0.4545


 176.8234, 0.3468,
0.3913

 14.0273, 0.3825,
0.4747

217.4006, 0.3447,
0.3871

 8.1397, 0.3907,
0.5017

263.7543, 0.3428,
0.3834

 4.1844, 0.4034,
0.5454

316.2687, 0.3411,

 1.7773, 0.4039,

0.3801

0.5961

375.3283, 0.3396,
0.3772

0.4729, 0.1883,
0.8117

0.0000, 0.0000,
0.0000

64.5901, 0.3591,
0.4168

64.5901, 0.3591,
0.4168

63.7170, 0.3714,
0.4413

65.5982, 0.3459,
0.3913

62.9628, 0.3822,
0.4637


66.7394, 0.3324,
0.3656

62.3224, 0.3911,
0.4830

68.0228, 0.3189,
0.3405

61.7866, 0.3976,
0.4984


69.4542, 0.3059,
0.3166

 61.3449, 0.4014,
0.5095

 71.0392, 0.2936,
0.2941

 60.9845, 0.4027,
0.5161

 71.7372, 0.2912,
0.2883

 60.8157, 0.4027,
0.5184

 72.0585, 0.2926,
0.2884

 72.3837, 0.2940,
0.2886

 72.7127, 0.2953,
0.2888

Harmonies

Analogous

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



64.5901, 0.3957, 0.3993



64.5901, 0.3591, 0.4168



64.5901, 0.3117, 0.4074

Triad

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



64.5901, 0.3591, 0.4168



64.5901, 0.2241, 0.2807



64.5901, 0.3572, 0.2912

Complementary

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



64.5901, 0.3591, 0.4168



30.3055, 0.2558, 0.2270

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.



64.5901, 0.3077, 0.2644



64.5901, 0.3591, 0.4168



64.5901, 0.2338, 0.2566

Square

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



64.5901, 0.3591, 0.4168



64.5901, 0.2354, 0.3221



64.5901, 0.2631, 0.2517



64.5901, 0.3959, 0.3272

Rectangle

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



64.5901, 0.3591, 0.4168



64.5901, 0.2806, 0.3853



64.5901, 0.2631, 0.2517



64.5901, 0.3410, 0.2810

Sweetspot

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



64.5930, 0.3591, 0.4168



98.0129, 0.3261, 0.3538



37.4668, 0.3921, 0.3369



20.9228, 0.3280, 0.3574



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.



64.5930, 0.3591, 0.4168



93.0536, 0.3686, 0.4357



59.8428, 0.3303, 0.4257



14.4578, 0.3252, 0.3521



36.0155, 0.4030, 0.5182



2.1900, 0.4060, 0.5158

Inverse Universe

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



30.3055, 0.2558, 0.2270



35.6352, 0.2406, 0.2007



34.2891, 0.2877, 0.2356



12.0640, 0.2996, 0.3050



3.0454, 0.1534, 0.0618



0.2033, 0.1629, 0.0671

Previews

White Background



This preview shows how the Yxy color 64.5901, 0.3591, 0.4168 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 64.5901, 0.3591, 0.4168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

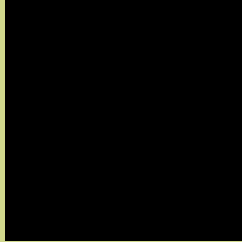
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.5901, 0.3591, 0.4168

Background



This preview shows how black text looks on a background with the Yxy color 64.5901, 0.3591, 0.4168.



This preview shows how white text looks on a background with the Yxy color 64.5901, 0.3591, 0.4168.

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

64.5901, 0.3591, 0.4168

Protanopia

64.4512, 0.3782, 0.4082

Deuteranopia

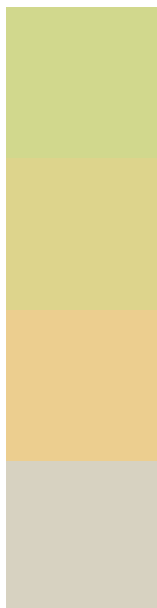
64.2961, 0.3974, 0.3889



Tritanopia

64.4766, 0.3113, 0.3113

Trichromacy



Original Color

64.5901, 0.3591, 0.4168

Protanomaly

64.3526, 0.3709, 0.4109

Deuteranomaly

63.9587, 0.3835, 0.3981

Tritanomaly

64.3905, 0.3285, 0.3485

Monochromacy



Original Color

64.5901, 0.3591, 0.4168

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.1001, 0.3295, 0.3609

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.5901, 0.3591, 0.4168 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(209, 216, 141)` looks like.

```
.text, #text, p{  
    color:rgb(209, 216, 141)  
}
```

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(209, 216, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 216, 141) }
```

Border

The CSS property to change the border of an element to Yxy 64.5901, 0.3591, 0.4168 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(209, 216, 141) }
```

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

```
.border{ border-color:rgb(209, 216, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 216, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 216, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 216, 141);  
box-shadow:4px 4px 4px 4px rgb(209, 216,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 64.5901, 0.3591, 0.4168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 216, 141) }
```

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

```
.background{ background-color: rgb(209,  
216, 141) }
```

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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