

Converting Colors

$Yxy(69.2992, 0.3513, 0.4210)$

Have a look what the booklet for
Yxy(69.2992, 0.3513, 0.4210)
contains.

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Color

Yxy(69.1911, 0.3516, 0.4205)

Conversions

Conversions Part 1

Format	Color
Hex	CFE192
RGB	207, 225, 146
RGB Percent	81%, 88%, 57%
CMY	0.1881, 0.1177, 0.4274
CMYK	0.08, 0.00, 0.35, 0.12
HSL	74°, 57%, 73%
HSV	74°, 35%, 88%
XYZ	57.8540, 69.1911, 37.4998
YIQ	210.6120, 14.6310, -28.3850

Conversions

Conversions Part 2

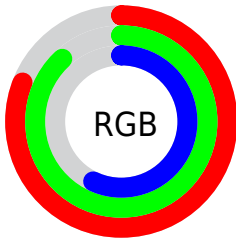
Format	Color
RYB	146, 225, 164
Decimal	13623698
CIELab	86.60, -18.49, 36.70
CIELCh	87, 41.099, 116.742
Yxy	69.1911, 0.3516, 0.4205
Android (android.graphics.Color)	4291813778 (0xFFCFE192)
YUV	210.6120, -31.8537, -3.1677
Hunter-Lab	83.1812, -21.4172, 31.4977

Details

The Yxy color **69.1911, 0.3516, 0.4205** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.8820, 0.2633, 0.2278**, and the grayscale version is **65.0845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9970, 0.3448, 0.3820**, and **36.2330, 0.3595, 0.4440** is the 20% darker color. If you saturate the color by 10%, you get **67.8366, 0.3614, 0.4469**, and if you desaturate by 10%, it is **70.7134, 0.3408, 0.3936**.

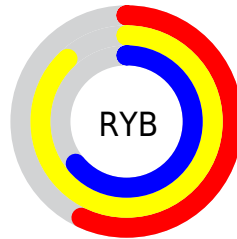
Distribution



Red (81%)

Green (88%)

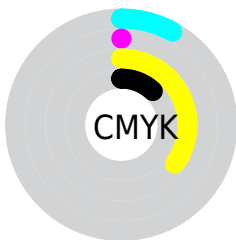
Blue (57%)



Red (57%)

Yellow (88%)

Blue (64%)

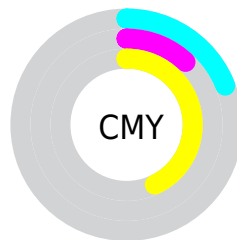


Cyan (8%)

Magenta (0%)

Yellow (35%)

Black (12%)



Cyan (19%)


Magenta (12%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.1911, 0.3516, 0.4205 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 69.1911, 0.3516, 0.4205 by changing the saturation by 10% instead.


 69.1911, 0.3516,
0.4205


 69.1911, 0.3516,
0.4205


457.7047, 0.3347,
0.3767

 50.8674, 0.3551,
0.4307


 118.0545, 0.3460,
0.4051

 36.1031, 0.3591,
0.4434


 149.3629, 0.3437,
0.3992

 24.5138, 0.3638,
0.4595


185.7684, 0.3418,
0.3941

 15.7152, 0.3691,
0.4805

227.6552, 0.3400,
0.3897

 9.3228, 0.3745,
0.5086

275.4079, 0.3384,
0.3858

 4.9524, 0.3797,
0.5493


329.4108, 0.3370,


 2.2193, 0.3836,


0.3824


0.6164

390.0482, 0.3358,
0.3794


 0.7305, 0.2495,
0.7505


 0.0000, 0.0000,
0.0000


 69.1911, 0.3516,
0.4205


 69.1911, 0.3516,
0.4205


 67.8366, 0.3614,
0.4469

 70.7134, 0.3408,
0.3936


 66.6323, 0.3698,
0.4716


 72.4020, 0.3296,
0.3670


 65.5721, 0.3761,
0.4935

 74.2671, 0.3184,
0.3415


 64.6457, 0.3801,
0.5116


 76.3153, 0.3074,
0.3174

 63.8411, 0.3815,
0.5251


 78.3256, 0.2990,
0.2985

 63.1436, 0.3803,
0.5340

 79.1969, 0.3024,
0.2988

 62.8298, 0.3791,
0.5372

 80.0933, 0.3058,
0.2992

 81.0151, 0.3093,
0.2995

 81.9624, 0.3128,
0.2998

Harmonies

Analogous

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



69.1911, 0.3927, 0.4067



69.1911, 0.3516, 0.4205



69.1911, 0.3020, 0.4050

Triad

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



69.1911, 0.3516, 0.4205



69.1911, 0.2215, 0.2727



69.1911, 0.3677, 0.2965

Complementary

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



69.1911, 0.3516, 0.4205



33.8820, 0.2633, 0.2278

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.



69.1911, 0.3173, 0.2667



69.1911, 0.3516, 0.4205



69.1911, 0.2356, 0.2518

Square

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



69.1911, 0.3516, 0.4205



69.1911, 0.2290, 0.3125



69.1911, 0.2692, 0.2505



69.1911, 0.4039, 0.3345

Rectangle

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



69.1911, 0.3516, 0.4205



69.1911, 0.2710, 0.3789



69.1911, 0.2692, 0.2505



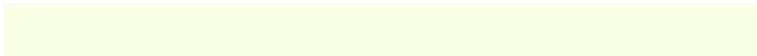
69.1911, 0.3516, 0.2853

Sweetspot

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



69.1942, 0.3516, 0.4205



97.1341, 0.3251, 0.3566



44.3179, 0.3892, 0.3495



20.7195, 0.3266, 0.3601



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.



69.1942, 0.3516, 0.4205



90.5870, 0.3588, 0.4395



64.2898, 0.3230, 0.4295



15.8643, 0.3232, 0.3524



36.2619, 0.3798, 0.5367



2.5524, 0.3862, 0.5316

Inverse Universe

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



33.8820, 0.2633, 0.2278



37.1665, 0.2507, 0.2040



38.6365, 0.2966, 0.2368



13.3928, 0.3016, 0.3050



3.5835, 0.1625, 0.0669



0.2884, 0.1776, 0.0752

Previews

White Background



This preview shows how the Yxy color 69.1911, 0.3516, 0.4205 looks on a white background.

Color Contrast Check

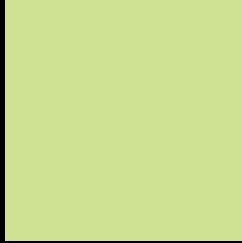
Large Text (above 18pt) WCAG AA × Fail

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 69.1911, 0.3516, 0.4205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

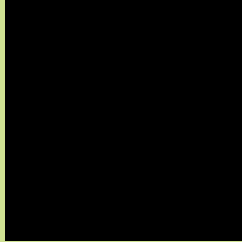
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1911, 0.3516, 0.4205

Background



This preview shows how black text looks on a background with the Yxy color 69.1911, 0.3516, 0.4205.



This preview shows how white text looks on a background with the Yxy color 69.1911, 0.3516, 0.4205.

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

69.1911, 0.3516, 0.4205

Protanopia

68.7571, 0.3786, 0.4082

Deuteranopia

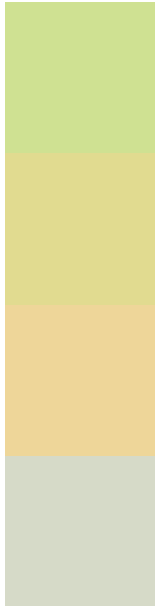
68.8061, 0.3878, 0.3819



Tritanopia

68.7681, 0.3042, 0.3105

Trichromacy



Original Color

69.1911, 0.3516, 0.4205

Protanomaly

68.6842, 0.3689, 0.4125

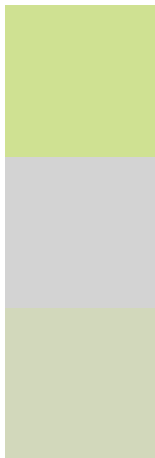
Deuteranomaly

68.5702, 0.3748, 0.3951

Tritanomaly

68.6091, 0.3220, 0.3493

Monochromacy



Original Color

69.1911, 0.3516, 0.4205

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

66.4012, 0.3281, 0.3625

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1911, 0.3516, 0.4205 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(207, 225, 146)` looks like.

```
.text, #text, p{  
    color:rgb(207, 225, 146)  
}
```

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(207, 225, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 225, 146) }
```

Border

The CSS property to change the border of an element to Yxy 69.1911, 0.3516, 0.4205 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(207, 225, 146) }
```

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

```
.border{ border-color:rgb(207, 225, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 225, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 225, 146); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 225, 146); box-shadow:4px 4px 4px 4px rgb(207, 225, 146) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1911, 0.3516, 0.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 225, 146) }
```

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

```
.background{ background-color: rgb(207,  
225, 146) }
```

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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