

Converting Colors

$Y_{xy}(71.2314, 0.3536, 0.4140)$

Have a look what the booklet for
Yxy(71.2314, 0.3536, 0.4140)
contains.

Yxy(71.0742, 0.3542, 0.4140)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.0742, 0.3542, 0.4140)

Conversions

Conversions Part 1

Format	Color
Hex	D7E297
RGB	215, 226, 151
RGB Percent	84%, 89%, 59%
CMY	0.1568, 0.1137, 0.4078
CMYK	0.05, 0.00, 0.33, 0.11
HSL	69°, 56%, 74%
HSV	69°, 33%, 89%
XYZ	60.8079, 71.0742, 39.7947
YIQ	214.1610, 17.5190, -25.6570

Conversions

Conversions Part 2

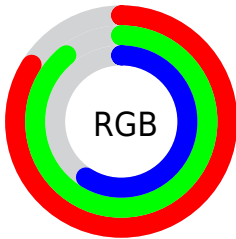
Format	Color
RYB	151, 226, 162
Decimal	14148247
CIELab	87.52, -15.38, 35.49
CIElCh	88, 38.678, 113.425
Yxy	71.0742, 0.3542, 0.4140
Android (android.graphics.Color)	4292338327 (0xFFD7E297)
YUV	214.1610, -31.1384, 0.7358
Hunter-Lab	84.3055, -18.7861, 31.0272

Details

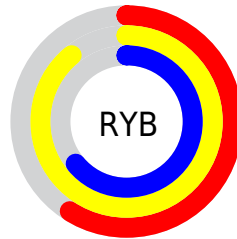
The Yxy color **71.0742, 0.3542, 0.4140** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.3096, 0.2617, 0.2328**, and the grayscale version is **67.5666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **37.3976, 0.3622, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **69.9152, 0.3657, 0.4395**, and if you desaturate by 10%, it is **72.3905, 0.3419, 0.3878**.

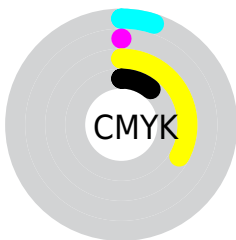
Distribution



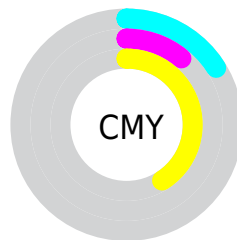
- Red (84%)
- Green (89%)
- Blue (59%)



- Red (59%)
- Yellow (89%)
- Blue (64%)



- Cyan (5%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)




- Cyan (16%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0742, 0.3542, 0.4140 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 71.0742, 0.3542, 0.4140 by changing the saturation by 10% instead.

 71.0742, 0.3542,
0.4140


 71.0742, 0.3542,
0.4140


464.3128, 0.3359,
0.3737

 52.4028, 0.3580,
0.4233


 120.7394, 0.3481,
0.3999

 37.3262, 0.3626,
0.4348


 152.5019, 0.3457,
0.3944

 25.4602, 0.3679,
0.4494


189.3969, 0.3435,
0.3898

 16.4202, 0.3742,
0.4683

231.8087, 0.3416,
0.3857

 9.8220, 0.3813,
0.4934

280.1219, 0.3400,
0.3821

 5.2811, 0.3883,
0.5281


334.7206, 0.3385,

 2.4131, 0.4041,


0.3790


0.5959


395.9895, 0.3371,
0.3762


 0.8326, 0.3332,
0.6668


 0.0000, 0.0000,
0.0000


 71.0742, 0.3542,
0.4140


 71.0742, 0.3542,
0.4140


 69.9152, 0.3657,
0.4395


 72.3905, 0.3419,
0.3878


 68.8959, 0.3759,
0.4632

 73.8620, 0.3292,
0.3618

 68.0104, 0.3841,
0.4841

 75.4988, 0.3166,
0.3367

 67.2487, 0.3900,
0.5013

 77.3076, 0.3045,
0.3130

 66.5992, 0.3933,
0.5141

 78.7004, 0.2983,
0.2995


 66.0481, 0.3940,
0.5223

 79.2591, 0.3005,
0.2997

 65.7134, 0.3934,
0.5259

 79.8283, 0.3027,
0.2999

 80.4081, 0.3049,
0.3001

 80.9985, 0.3072,
0.3003

Harmonies

Analogous

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



71.0742, 0.3908, 0.3992



71.0742, 0.3542, 0.4140



71.0742, 0.3081, 0.4025

Triad

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



71.0742, 0.3542, 0.4140



71.0742, 0.2269, 0.2799



71.0742, 0.3593, 0.2950

Complementary

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



71.0742, 0.3542, 0.4140



35.3096, 0.2617, 0.2328

Split Complementary

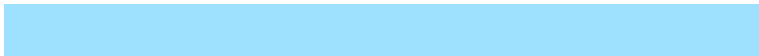
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.0742, 0.3118, 0.2681



71.0742, 0.3542, 0.4140



71.0742, 0.2379, 0.2579

Square

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



71.0742, 0.3542, 0.4140



71.0742, 0.2363, 0.3188



71.0742, 0.2678, 0.2546



71.0742, 0.3951, 0.3304

Rectangle

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



71.0742, 0.3542, 0.4140



71.0742, 0.2784, 0.3800



71.0742, 0.2678, 0.2546



71.0742, 0.3439, 0.2848

Sweetspot

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



71.0774, 0.3542, 0.4140



97.7626, 0.3253, 0.3539



43.8967, 0.3861, 0.3410



20.8618, 0.3270, 0.3575



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.



71.0774, 0.3542, 0.4140



92.3520, 0.3625, 0.4322



66.1547, 0.3270, 0.4220



15.9224, 0.3245, 0.3523



37.5286, 0.3938, 0.5255



2.6294, 0.3979, 0.5222

Inverse Universe

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



35.3096, 0.2617, 0.2328



38.3230, 0.2484, 0.2088



39.7019, 0.2922, 0.2406



13.3393, 0.3003, 0.3049



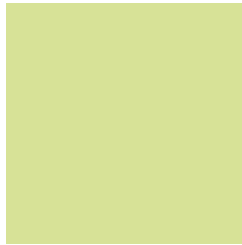
3.3497, 0.1561, 0.0634



0.2630, 0.1681, 0.0700

Previews

White Background



This preview shows how the Yxy color 71.0742, 0.3542, 0.4140 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 71.0742, 0.3542, 0.4140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

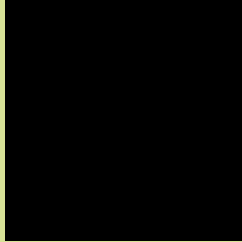
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.0742, 0.3542, 0.4140

Background



This preview shows how black text looks on a background with the Yxy color 71.0742, 0.3542, 0.4140.



This preview shows how white text looks on a background with the Yxy color 71.0742, 0.3542, 0.4140.

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

71.0742, 0.3542, 0.4140

Protanopia

70.8057, 0.3757, 0.4055

Deuteranopia

70.6017, 0.3800, 0.3756



Tritanopia

71.0025, 0.3078, 0.3109

Trichromacy



Original Color

71.0742, 0.3542, 0.4140

Protanomaly

71.0705, 0.3676, 0.4091

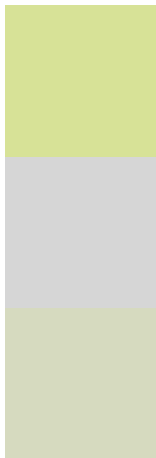
Deuteranomaly

70.2102, 0.3700, 0.3882

Tritanomaly

70.8703, 0.3249, 0.3478

Monochromacy



Original Color

71.0742, 0.3542, 0.4140

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.2005, 0.3281, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0742, 0.3542, 0.4140 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(215, 226, 151)` looks like.

```
.text, #text, p{  
    color:rgb(215, 226, 151)  
}
```

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(215, 226, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 226, 151) }
```

Border

The CSS property to change the border of an element to Yxy 71.0742, 0.3542, 0.4140 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(215, 226, 151) }
```

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

```
.border{ border-color:rgb(215, 226, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 226, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 226, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 226, 151);  
box-shadow:4px 4px 4px 4px rgb(215, 226,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0742, 0.3542, 0.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 226, 151) }
```

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

```
.background{ background-color: rgb(215,  
226, 151) }
```

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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