

Converting Colors

Yxy(69.5407, 0.3312, 0.4325)

Have a look what the booklet for
Yxy(69.5407, 0.3312, 0.4325)
contains.

Yxy(69.7336, 0.3315, 0.4334)	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(69.7336, 0.3315, 0.4334)

Conversions

Conversions Part 1

Format	Color
Hex	B6E892
RGB	182, 232, 146
RGB Percent	71%, 91%, 57%
CMY	0.2862, 0.0902, 0.4276
CMYK	0.22, 0.00, 0.37, 0.09
HSL	95°, 65%, 74%
HSV	95°, 37%, 91%
XYZ	53.3380, 69.7336, 37.8273
YIQ	207.2460, -2.1940, -37.3460

Conversions

Conversions Part 2

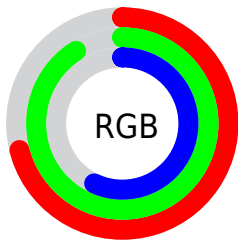
Format	Color
RYB	146, 232, 196
Decimal	11987090
CIELab	86.87, -30.97, 36.76
CIELCh	87, 48.066, 130.117
Yxy	69.7336, 0.3315, 0.4334
Android (android.graphics.Color)	4290177170 (0xFFB6E892)
YUV	207.2460, -30.1943, -22.1407
Hunter-Lab	83.5066, -32.1238, 31.5971

Details

The Yxy color **69.7336, 0.3315, 0.4334** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **38.1013, 0.2852, 0.2283**, and the grayscale version is **62.7656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0878, 0.3342, 0.3839**, and **36.3708, 0.3333, 0.4610** is the 20% darker color. If you saturate the color by 10%, you get **67.5236, 0.3350, 0.4646**, and if you desaturate by 10%, it is **72.2541, 0.3270, 0.4028**.

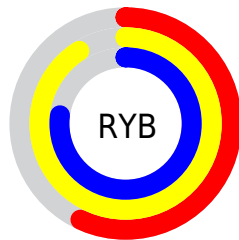
Distribution



Red (71%)

Green (91%)

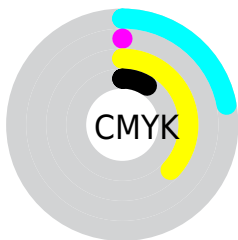
Blue (57%)



Red (57%)

Yellow (91%)

Blue (77%)

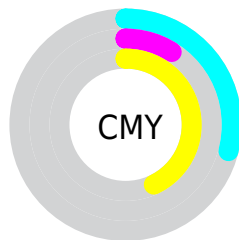


Cyan (22%)

Magenta (0%)

Yellow (37%)

Black (9%)



Cyan (29%)


Magenta (9%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7336, 0.3315, 0.4334 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 69.7336, 0.3315, 0.4334 by changing the saturation by 10% instead.


 69.7336, 0.3315,
0.4334


 69.7336, 0.3315,
0.4334

459.6141, 0.3244,
0.3825

 51.3094, 0.3326,
0.4456


 118.8288, 0.3294,
0.4153

 36.4549, 0.3336,
0.4608


 150.2685, 0.3285,
0.4084

 24.7857, 0.3344,
0.4804


186.8156, 0.3277,
0.4025

 15.9175, 0.3344,
0.5064

228.8543, 0.3269,
0.3974

 9.4658, 0.3324,
0.5421

276.7691, 0.3262,
0.3929

 5.0462, 0.3262,
0.5950


330.9444, 0.3256,

 2.2744, 0.3120,


0.3890


0.6880


391.7646, 0.3250,
0.3856


 0.7601, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 69.7336, 0.3315,
0.4334


 69.7336, 0.3315,
0.4334


 67.5236, 0.3350,
0.4646


 72.2541, 0.3270,
0.4028


 65.6016, 0.3371,
0.4950

 75.0884, 0.3220,
0.3737

 63.9562, 0.3374,
0.5230

 78.2512, 0.3166,
0.3467

 62.5712, 0.3358,
0.5468

 81.7536, 0.3111,
0.3221

 61.4285, 0.3322,
0.5650

 85.1492, 0.3100,
0.3065

 60.5054, 0.3269,
0.5771

 86.1944, 0.3138,
0.3068

 60.2687, 0.3253,
0.5799

Harmonies

Analogous

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



69.7336, 0.3857, 0.4299



69.7336, 0.3315, 0.4334



69.7336, 0.2750, 0.3995

Triad

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



69.7336, 0.3315, 0.4334



69.7336, 0.2123, 0.2500



69.7336, 0.3990, 0.3097

Complementary

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



69.7336, 0.3315, 0.4334



38.1013, 0.2852, 0.2283

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.



69.7336, 0.3446, 0.2710



69.7336, 0.3315, 0.4334



69.7336, 0.2384, 0.2370

Square

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



69.7336, 0.3315, 0.4334



69.7336, 0.2096, 0.2859



69.7336, 0.2853, 0.2451



69.7336, 0.4281, 0.3547

Rectangle

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



69.7336, 0.3315, 0.4334



69.7336, 0.2437, 0.3618



69.7336, 0.2853, 0.2451



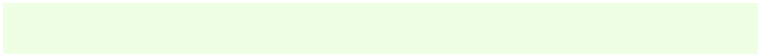
69.7336, 0.3828, 0.2957

Sweetspot

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



69.7366, 0.3315, 0.4334



95.3629, 0.3187, 0.3571



58.1349, 0.3825, 0.3840



20.2968, 0.3195, 0.3608



0.0000, 0.0000, 0.0000



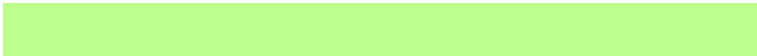
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7366, 0.3315, 0.4334



84.1558, 0.3344, 0.4588



66.0794, 0.3043, 0.4338



16.3828, 0.3179, 0.3528



33.5284, 0.3265, 0.5790



2.5312, 0.3379, 0.5699

Inverse Universe

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



38.1013, 0.2852, 0.2283



39.3014, 0.2771, 0.2048



43.2086, 0.3220, 0.2428



14.2985, 0.3071, 0.3054



6.1590, 0.2192, 0.0981



0.5094, 0.2336, 0.1061

Previews

White Background



This preview shows how the Yxy color 69.7336, 0.3315, 0.4334 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 69.7336, 0.3315, 0.4334 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 69.7336, 0.3315, 0.4334

Background



This preview shows how black text looks on a background with the Yxy color 69.7336, 0.3315, 0.4334.



This preview shows how white text looks on a background with the Yxy color 69.7336, 0.3315, 0.4334.

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

69.7336, 0.3315, 0.4334

Protanopia

69.3520, 0.3811, 0.4121

Deuteranopia

68.8750, 0.3863, 0.3798



Tritanopia

69.6217, 0.2852, 0.3099

Trichromacy



Original Color

69.7336, 0.3315, 0.4334



Protanomaly

68.7945, 0.3620, 0.4198



Deuteranomaly

68.4528, 0.3651, 0.3990



Tritanomaly

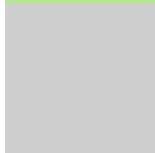
69.3346, 0.3020, 0.3524

Monochromacy



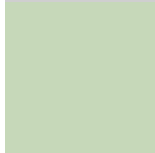
Original Color

69.7336, 0.3315, 0.4334



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.6203, 0.3205, 0.3659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7336, 0.3315, 0.4334 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(182, 232, 146)` looks like.

```
.text, #text, p{  
    color:rgb(182, 232, 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(182, 232, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 232, 146) }
```

Border

The CSS property to change the border of an element to Yxy 69.7336, 0.3315, 0.4334 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(182, 232, 146) }
```

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

```
.border{ border-color:rgb(182, 232, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 232, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 232, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 232, 146);  
box-shadow:4px 4px 4px 4px rgb(182, 232,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7336, 0.3315, 0.4334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 232, 146) }
```

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

```
.background{ background-color: rgb(182,  
232, 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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