

Converting Colors

Yxy(61.3589, 0.3294, 0.4299)

Have a look what the booklet for
Yxy(61.3589, 0.3294, 0.4299)
contains.

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Color

Yxy(61.2144, 0.3295, 0.4304)

Conversions

Conversions Part 1

Format	Color
Hex	ABDB8C
RGB	171, 219, 140
RGB Percent	67%, 86%, 55%
CMY	0.3293, 0.1412, 0.4511
CMYK	0.22, 0.00, 0.36, 0.14
HSL	96°, 52%, 70%
HSV	96°, 36%, 86%
XYZ	46.8637, 61.2144, 34.1486
YIQ	195.6420, -3.2490, -34.7450

Conversions

Conversions Part 2

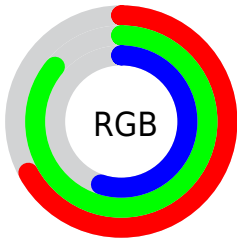
Format	Color
RYB	140, 219, 188
Decimal	11262860
CIELab	82.49, -29.54, 33.93
CIElCh	82, 44.988, 131.038
Yxy	61.2144, 0.3295, 0.4304
Android (android.graphics.Color)	4289452940 (0xFFABDB8C)
YUV	195.6420, -27.4315, -21.6110
Hunter-Lab	78.2396, -30.0020, 28.8899

Details

The Yxy color **61.2144, 0.3295, 0.4304** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **34.5501, 0.2881, 0.2321**, and the grayscale version is **55.1490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7459, 0.3304, 0.3927**, and **31.0541, 0.3309, 0.4585** is the 20% darker color. If you saturate the color by 10%, you get **59.2151, 0.3327, 0.4618**, and if you desaturate by 10%, it is **63.4977, 0.3254, 0.3997**.

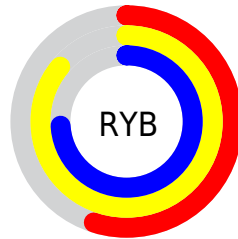
Distribution



Red (67%)

Green (86%)

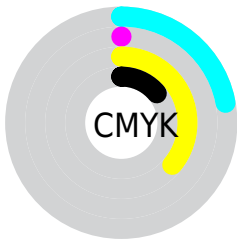
Blue (55%)



Red (55%)

Yellow (86%)

Blue (74%)

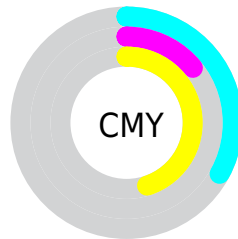


Cyan (22%)

Magenta (0%)

Yellow (36%)

Black (14%)



Cyan (33%)


Magenta (14%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2144, 0.3295, 0.4304 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 61.2144, 0.3295, 0.4304 by changing the saturation by 10% instead.


 61.2144, 0.3295,
0.4304


 61.2144, 0.3295,
0.4304


429.0597, 0.3231,
0.3798


 44.3982, 0.3305,
0.4428


 106.5893, 0.3276,
0.4121

 30.9837, 0.3314,
0.4586


 135.9168, 0.3268,
0.4053

 20.5864, 0.3320,
0.4792

 170.1836, 0.3260,
0.3994

 12.8220, 0.3316,
0.5071

209.7740, 0.3253,
0.3944

 7.3061, 0.3288,
0.5464

255.0724, 0.3247,
0.3900

 3.6543, 0.3257,
0.6170

306.4632, 0.3241,

 1.4821, 0.2860,

0.3862

0.7140

364.3308, 0.3236,
0.3828

■ 0.2761, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2144, 0.3295,
0.4304

■ 61.2144, 0.3295,
0.4304

■ 59.2151, 0.3327,
0.4618

■ 63.4977, 0.3254,
0.3997

■ 57.4798, 0.3346,
0.4927

■ 66.0684, 0.3207,
0.3708

■ 55.9981, 0.3348,
0.5214


■ 68.9396, 0.3158,
0.3441

■ 54.7554, 0.3332,
0.5461


■ 72.1215, 0.3108,
0.3198

 53.7356, 0.3297,
0.5653

 75.6234, 0.3058,
0.2980

 52.9191, 0.3247,
0.5781

 78.3541, 0.3114,
0.2937

 52.6437, 0.3226,
0.5821

 79.1425, 0.3144,
0.2940

Harmonies

Analogous

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



61.2144, 0.3828, 0.4283



61.2144, 0.3295, 0.4304



61.2144, 0.2744, 0.3963

Triad

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



61.2144, 0.3295, 0.4304



61.2144, 0.2147, 0.2509



61.2144, 0.3984, 0.3115

Complementary

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



61.2144, 0.3295, 0.4304



34.5501, 0.2881, 0.2321

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.



61.2144, 0.3458, 0.2732



61.2144, 0.3295, 0.4304



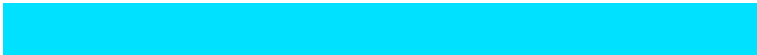
61.2144, 0.2411, 0.2388

Square

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



61.2144, 0.3295, 0.4304



61.2144, 0.2114, 0.2856



61.2144, 0.2876, 0.2473



61.2144, 0.4259, 0.3558

Rectangle

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



61.2144, 0.3295, 0.4304



61.2144, 0.2440, 0.3592



61.2144, 0.2876, 0.2473



61.2144, 0.3828, 0.2977

Sweetspot

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



61.2171, 0.3295, 0.4304



95.2357, 0.3183, 0.3572



52.6601, 0.3789, 0.3852



20.2666, 0.3190, 0.3608



0.0000, 0.0000, 0.0000



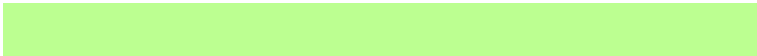
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2171, 0.3295, 0.4304



84.3223, 0.3319, 0.4533



58.3709, 0.3030, 0.4264



14.8545, 0.3175, 0.3527



31.2748, 0.3236, 0.5812



2.0751, 0.3366, 0.5710

Inverse Universe

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



34.5501, 0.2881, 0.2321



41.5619, 0.2815, 0.2114



38.5188, 0.3242, 0.2479



13.0062, 0.3076, 0.3055



6.0517, 0.2251, 0.1014



0.4414, 0.2406, 0.1099

Previews

White Background



This preview shows how the Yxy color 61.2144, 0.3295, 0.4304 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 61.2144, 0.3295, 0.4304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

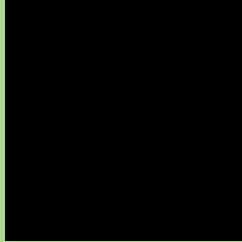
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2144, 0.3295, 0.4304

Background



This preview shows how black text looks on a background with the Yxy color 61.2144, 0.3295, 0.4304.



This preview shows how white text looks on a background with the Yxy color 61.2144, 0.3295, 0.4304.

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

61.2144, 0.3295, 0.4304

Protanopia

60.9135, 0.3788, 0.4101

Deuteranopia

60.5789, 0.3922, 0.3843



Tritanopia

61.2275, 0.2844, 0.3100

Trichromacy



Original Color

61.2144, 0.3295, 0.4304

Protanomaly

60.5673, 0.3596, 0.4179

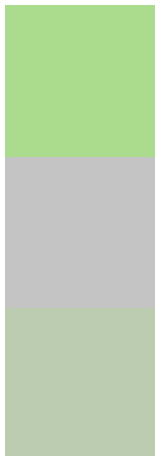
Deuteranomaly

59.9206, 0.3684, 0.4002

Tritanomaly

61.0672, 0.3008, 0.3524

Monochromacy



Original Color

61.2144, 0.3295, 0.4304

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

56.8851, 0.3195, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2144, 0.3295, 0.4304 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(171, 219, 140)` looks like.

```
.text, #text, p{  
    color:rgb(171, 219, 140)  
}
```

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(171, 219, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 219, 140) }
```

Border

The CSS property to change the border of an element to Yxy 61.2144, 0.3295, 0.4304 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(171, 219, 140) }
```

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

```
.border{ border-color:rgb(171, 219, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 219, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 219, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 219, 140);  
box-shadow:4px 4px 4px 4px rgb(171, 219,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2144, 0.3295, 0.4304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 219, 140) }
```

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

```
.background{ background-color: rgb(171,  
219, 140) }
```

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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