

Converting Colors

Yxy(59.4945, 0.3359, 0.4440)

Have a look what the booklet for
Yxy(59.4945, 0.3359, 0.4440)
contains.

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Color

Yxy(59.6192, 0.3357, 0.4441)

Conversions

Conversions Part 1

Format	Color
Hex	A9D980
RGB	169, 217, 128
RGB Percent	66%, 85%, 50%
CMY	0.3374, 0.1490, 0.4980
CMYK	0.22, 0.00, 0.41, 0.15
HSL	92°, 54%, 68%
HSV	92°, 41%, 85%
XYZ	45.0668, 59.6192, 29.5612
YIQ	192.5020, -0.0390, -37.8550

Conversions

Conversions Part 2

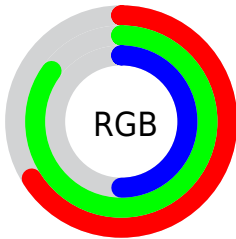
Format	Color
RYB	128, 217, 176
Decimal	11131264
CIELab	81.63, -30.93, 38.82
CIELCh	82, 49.640, 128.544
Yxy	59.6192, 0.3357, 0.4441
Android (android.graphics.Color)	4289321344 (0xFFA9D980)
YUV	192.5020, -31.7995, -20.6113
Hunter-Lab	77.2135, -30.9394, 31.3502

Details

The Yxy color **59.6192, 0.3357, 0.4441** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.6925, 0.2781, 0.2164**, and the grayscale version is **53.2095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0661, 0.3366, 0.4057**, and **30.0213, 0.3383, 0.4762** is the 20% darker color. If you saturate the color by 10%, you get **57.8720, 0.3393, 0.4745**, and if you desaturate by 10%, it is **61.6100, 0.3309, 0.4137**.

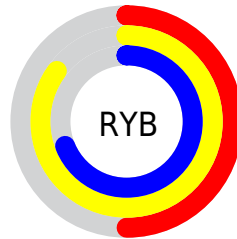
Distribution



Red (66%)

Green (85%)

Blue (50%)



Red (50%)

Yellow (85%)

Blue (69%)

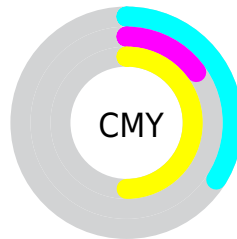


Cyan (22%)

Magenta (0%)

Yellow (41%)

Black (15%)



Cyan (34%)


Magenta (15%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.6192, 0.3357, 0.4441 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 59.6192, 0.3357, 0.4441 by changing the saturation by 10% instead.

 59.6192, 0.3357,
0.4441


 59.6192, 0.3357,
0.4441


423.1927, 0.3268,
0.3865


 43.1118, 0.3371,
0.4582


 104.2771, 0.3331,
0.4233

 29.9728, 0.3383,
0.4762


 133.1963, 0.3319,
0.4154

 19.8180, 0.3391,
0.4995


 167.0216, 0.3308,
0.4088

 12.2628, 0.3385,
0.5308

206.1373, 0.3299,
0.4030

 6.9229, 0.3343,
0.5741

250.9279, 0.3290,
0.3981

 3.4139, 0.3350,
0.6650

301.7778, 0.3282,

 1.3515, 0.2575,

0.3937

0.7425

359.0712, 0.3274,
0.3899

0.1805, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.6192, 0.3357,
0.4441

59.6192, 0.3357,
0.4441

57.8720, 0.3393,
0.4745

61.6100, 0.3309,
0.4137

56.3496, 0.3414,
0.5034


63.8466, 0.3254,
0.3844


55.0427, 0.3415,
0.5293


66.3410, 0.3194,
0.3568


53.9379, 0.3395,
0.5505

69.1022, 0.3133,
0.3314


 53.0199, 0.3354,
0.5661

 72.1385, 0.3073,
0.3084

 52.3320, 0.3306,
0.5757

 75.2484, 0.3035,
0.2908

 77.3573, 0.3116,
0.2917

 78.1115, 0.3145,
0.2920

Harmonies

Analogous

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



59.6192, 0.3939, 0.4370



59.6192, 0.3357, 0.4441



59.6192, 0.2744, 0.4092

Triad

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



59.6192, 0.3357, 0.4441



59.6192, 0.2038, 0.2447



59.6192, 0.4041, 0.3053

Complementary

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



59.6192, 0.3357, 0.4441



29.6925, 0.2781, 0.2164

Split Complementary

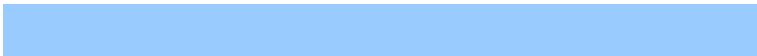
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.6192, 0.3437, 0.2646



59.6192, 0.3357, 0.4441



59.6192, 0.2303, 0.2300

Square

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



59.6192, 0.3357, 0.4441



59.6192, 0.2021, 0.2843



59.6192, 0.2796, 0.2378



59.6192, 0.4375, 0.3533

Rectangle

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



59.6192, 0.3357, 0.4441



59.6192, 0.2401, 0.3681



59.6192, 0.2796, 0.2378



59.6192, 0.3859, 0.2906

Sweetspot

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



59.6218, 0.3357, 0.4441



95.1837, 0.3201, 0.3597



47.1608, 0.3926, 0.3862



20.2683, 0.3209, 0.3633



0.0000, 0.0000, 0.0000



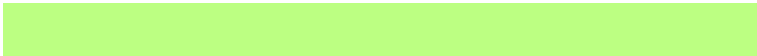
21.4041, 0.3127, 0.3290

Same Dimension

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



59.6218, 0.3357, 0.4441



83.7659, 0.3388, 0.4698



55.8608, 0.3051, 0.4507



14.8982, 0.3185, 0.3527



31.7367, 0.3317, 0.5749



2.1069, 0.3444, 0.5647

Inverse Universe

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



29.6925, 0.2781, 0.2164



35.1380, 0.2687, 0.1919



35.0549, 0.3202, 0.2315



12.9617, 0.3065, 0.3054



5.3923, 0.2108, 0.0935



0.4004, 0.2278, 0.1029

Previews

White Background



This preview shows how the Yxy color 59.6192, 0.3357, 0.4441 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 59.6192, 0.3357, 0.4441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

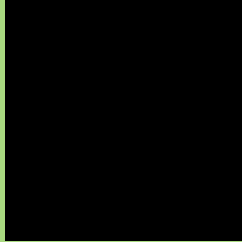
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.6192, 0.3357, 0.4441

Background



This preview shows how black text looks on a background with the Yxy color 59.6192, 0.3357, 0.4441.



This preview shows how white text looks on a background with the Yxy color 59.6192, 0.3357, 0.4441.

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

59.6192, 0.3357, 0.4441

Protanopia

59.0184, 0.3878, 0.4203

Deuteranopia

58.8881, 0.4030, 0.3938



Tritanopia

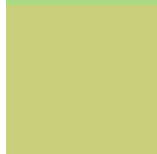
59.4838, 0.2854, 0.3099

Trichromacy



Original Color

59.6192, 0.3357, 0.4441



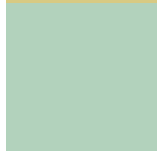
Protanomaly

58.6374, 0.3681, 0.4290



Deuteranomaly

58.4787, 0.3771, 0.4120



Tritanomaly

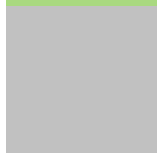
59.1890, 0.3041, 0.3565

Monochromacy



Original Color

59.6192, 0.3357, 0.4441



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

55.2960, 0.3224, 0.3711

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6192, 0.3357, 0.4441 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(169, 217, 128)` looks like.

```
.text, #text, p{  
    color:rgb(169, 217, 128)  
}
```

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(169, 217, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 217, 128) }
```

Border

The CSS property to change the border of an element to Yxy 59.6192, 0.3357, 0.4441 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(169, 217, 128) }
```

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

```
.border{ border-color:rgb(169, 217, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 217, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 217, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 217, 128);  
box-shadow:4px 4px 4px 4px rgb(169, 217,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6192, 0.3357, 0.4441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 217, 128) }
```

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

```
.background{ background-color: rgb(169,  
217, 128) }
```

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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