

Converting Colors

Yxy(60.2134, 0.3347, 0.4883)

Have a look what the booklet for
Yxy(60.2134, 0.3347, 0.4883)
contains.

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Color

Yxy(60.1990, 0.3352, 0.4884)

Conversions

Conversions Part 1

Format	Color
Hex	96DF65
RGB	150, 223, 101
RGB Percent	59%, 87%, 40%
CMY	0.4117, 0.1255, 0.6041
CMYK	0.33, 0.00, 0.55, 0.13
HSL	96°, 66%, 64%
HSV	96°, 55%, 87%
XYZ	41.3159, 60.1990, 21.7426
YIQ	187.2650, -4.3460, -53.4180

Conversions

Conversions Part 2

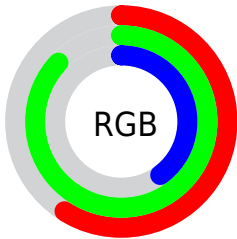
Format	Color
RYB	101, 223, 174
Decimal	9887589
CIELab	81.95, -43.42, 51.97
CIElCh	82, 67.725, 129.878
Yxy	60.1990, 0.3352, 0.4884
Android (android.graphics.Color)	4288077669 (0xFF96DF65)
YUV	187.2650, -42.5286, -32.6814
Hunter-Lab	77.5880, -40.7270, 37.6967

Details

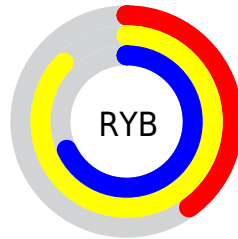
The Yxy color **60.1990, 0.3352, 0.4884** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **23.6188, 0.2692, 0.1796**, and the grayscale version is **50.1001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1520, 0.3390, 0.4383**, and **30.2305, 0.3338, 0.5319** is the 20% darker color. If you saturate the color by 10%, you get **58.6282, 0.3358, 0.5173**, and if you desaturate by 10%, it is **62.0375, 0.3330, 0.4575**.

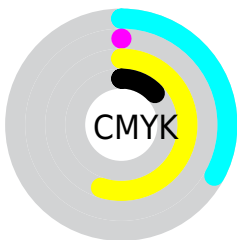
Distribution



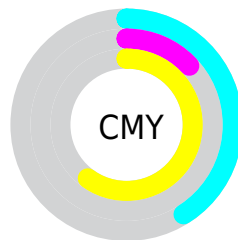
- Red (59%)
- Green (87%)
- Blue (40%)



- Red (40%)
- Yellow (87%)
- Blue (68%)



- Cyan (33%)
- Magenta (0%)
- Yellow (55%)
- Black (13%)





- Cyan (41%)
- Magenta (13%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1990, 0.3352, 0.4884 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 60.1990, 0.3352, 0.4884 by changing the saturation by 10% instead.

 60.1990, 0.3352,
0.4884


 60.1990, 0.3352,
0.4884

425.3309, 0.3288,
0.4081


 43.5791, 0.3351,
0.5079


 105.1183, 0.3341,
0.4595


 30.3397, 0.3340,
0.5323


 134.1864, 0.3333,
0.4485

 20.0966, 0.3309,
0.5634


 168.1727, 0.3325,
0.4392

 12.4653, 0.3236,
0.6038

 207.4616, 0.3317,
0.4312

 7.0614, 0.3124,
0.6670

252.4375, 0.3309,
0.4243

 3.5005, 0.2736,
0.7264

303.4847, 0.3302,

 1.3983, 0.1235,

0.4182

0.8765

360.9877, 0.3295,
0.4129

■ 0.2155, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1990, 0.3352,
0.4884

■ 60.1990, 0.3352,
0.4884

■ 58.6282, 0.3358,
0.5173

■ 62.0375, 0.3330,
0.4575

■ 57.3027, 0.3345,
0.5425


■ 64.1493, 0.3295,
0.4261


■ 56.2086, 0.3313,
0.5624

■ 66.5493, 0.3252,
0.3957


■ 55.3265, 0.3264,
0.5761


■ 69.2488, 0.3203,
0.3670

 54.9328, 0.3235,
0.5813

 72.2588, 0.3152,
0.3406

 75.5893, 0.3100,
0.3167

 79.1167, 0.3062,
0.2972

 81.2565, 0.3142,
0.2980

Harmonies

Analogous

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



60.1990, 0.4133, 0.4728



60.1990, 0.3352, 0.4884



60.1990, 0.2555, 0.4386

Triad

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



60.1990, 0.3352, 0.4884



60.1990, 0.1727, 0.2154



60.1990, 0.4399, 0.2980

Complementary

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



60.1990, 0.3352, 0.4884



23.6188, 0.2692, 0.1796

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.



60.1990, 0.3573, 0.2468



60.1990, 0.3352, 0.4884



60.1990, 0.2067, 0.2005

Square

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



60.1990, 0.3352, 0.4884



60.1990, 0.1685, 0.2629



60.1990, 0.2707, 0.2123



60.1990, 0.4821, 0.3581

Rectangle

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



60.1990, 0.3352, 0.4884



60.1990, 0.2124, 0.3776



60.1990, 0.2707, 0.2123



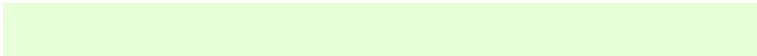
60.1990, 0.4152, 0.2796

Sweetspot

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



60.2016, 0.3352, 0.4884



93.3082, 0.3210, 0.3709



46.1897, 0.4229, 0.4107



19.8047, 0.3220, 0.3767



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.



60.2016, 0.3352, 0.4884



79.1088, 0.3357, 0.5221



56.6914, 0.2998, 0.4908



15.6048, 0.3176, 0.3528



32.3607, 0.3246, 0.5805



2.2942, 0.3367, 0.5708

Inverse Universe

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



23.6188, 0.2692, 0.1796



24.5954, 0.2566, 0.1502



29.7834, 0.3293, 0.2083



13.6465, 0.3074, 0.3054



6.1488, 0.2230, 0.1002



0.4779, 0.2379, 0.1084

Previews

White Background



This preview shows how the Yxy color 60.1990, 0.3352, 0.4884 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 60.1990, 0.3352, 0.4884 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 60.1990, 0.3352, 0.4884

Background



This preview shows how black text looks on a background with the Yxy color 60.1990, 0.3352, 0.4884.



This preview shows how white text looks on a background with the Yxy color 60.1990, 0.3352, 0.4884.

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

60.1990, 0.3352, 0.4884

Protanopia

59.5456, 0.4081, 0.4461

Deuteranopia

59.2005, 0.4250, 0.4156



Tritanopia

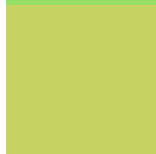
60.0192, 0.2741, 0.3096

Trichromacy



Original Color

60.1990, 0.3352, 0.4884



Protanomaly

58.9620, 0.3801, 0.4621



Deuteranomaly

58.2234, 0.3898, 0.4420



Tritanomaly

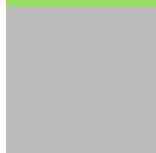
59.6185, 0.2974, 0.3729

Monochromacy



Original Color

60.1990, 0.3352, 0.4884



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

52.7075, 0.3241, 0.3872

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1990, 0.3352, 0.4884 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(150, 223, 101)` looks like.

```
.text, #text, p{  
    color:rgb(150, 223, 101)  
}
```

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(150, 223, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 223, 101) }
```

Border

The CSS property to change the border of an element to Yxy 60.1990, 0.3352, 0.4884 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(150, 223, 101) }
```

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

```
.border{ border-color:rgb(150, 223, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 223, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 223, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 223, 101);  
box-shadow:4px 4px 4px 4px rgb(150, 223,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1990, 0.3352, 0.4884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 223, 101) }
```

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

```
.background{ background-color: rgb(150,  
223, 101) }
```

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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