

Converting Colors

Yxy(60.8319, 0.3422, 0.4831)

Have a look what the booklet for
Yxy(60.8319, 0.3422, 0.4831)
contains.

Yxy(60.6754, 0.3422, 0.4827)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.6754, 0.3422, 0.4827)

Conversions

Conversions Part 1

Format	Color
Hex	A0DE66
RGB	160, 222, 102
RGB Percent	63%, 87%, 40%
CMY	0.3726, 0.1294, 0.6001
CMYK	0.28, 0.00, 0.54, 0.13
HSL	91°, 65%, 64%
HSV	91°, 54%, 87%
XYZ	43.0145, 60.6754, 22.0101
YIQ	189.7820, 1.5680, -50.4640

Conversions

Conversions Part 2

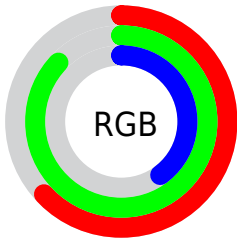
Format	Color
RYB	102, 222, 164
Decimal	10542694
CIELab	82.20, -39.41, 51.94
CIElCh	82, 65.201, 127.192
Yxy	60.6754, 0.3422, 0.4827
Android (android.graphics.Color)	4288732774 (0xFFA0DE66)
YUV	189.7820, -43.2765, -26.1188
Hunter-Lab	77.8944, -37.7447, 37.7729

Details

The Yxy color **60.6754, 0.3422, 0.4827** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **22.6669, 0.2605, 0.1776**, and the grayscale version is **51.6129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6720, 0.3451, 0.4349**, and **30.4974, 0.3436, 0.5236** is the 20% darker color. If you saturate the color by 10%, you get **59.1669, 0.3440, 0.5105**, and if you desaturate by 10%, it is **62.4163, 0.3387, 0.4529**.

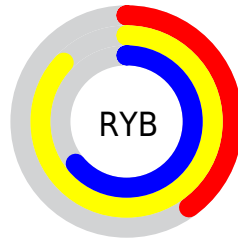
Distribution



Red (63%)

Green (87%)

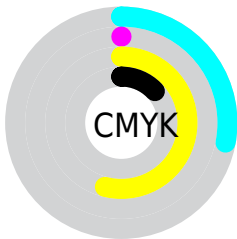
Blue (40%)



Red (40%)

Yellow (87%)

Blue (64%)

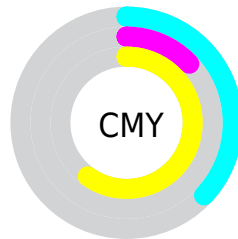


Cyan (28%)

Magenta (0%)

Yellow (54%)

Black (13%)



Cyan (37%)


Magenta (13%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.6754, 0.3422, 0.4827 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 60.6754, 0.3422, 0.4827 by changing the saturation by 10% instead.


 60.6754, 0.3422,
0.4827


 60.6754, 0.3422,
0.4827


427.0828, 0.3322,
0.4059


 43.9633, 0.3430,
0.5012


 105.8088, 0.3398,
0.4552

 30.6416, 0.3431,
0.5242


 134.9988, 0.3385,
0.4447

 20.3261, 0.3416,
0.5535


 169.1170, 0.3373,
0.4358

 12.6323, 0.3365,
0.5912

 208.5476, 0.3361,
0.4281

 7.1759, 0.3282,
0.6491

253.6751, 0.3351,
0.4215

 3.5723, 0.2949,
0.7051

304.8839, 0.3340,

 1.4373, 0.1830,

0.4156

0.8170

362.5583, 0.3331,
0.4105

■ 0.2440, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6754, 0.3422,
0.4827

■ 60.6754, 0.3422,
0.4827

■ 59.1669, 0.3440,
0.5105

■ 62.4163, 0.3387,
0.4529

■ 57.8701, 0.3437,
0.5347


■ 64.3929, 0.3338,
0.4227

■ 56.7735, 0.3413,
0.5540


■ 66.6185, 0.3281,
0.3931


■ 55.8604, 0.3368,
0.5675


■ 69.1028, 0.3218,
0.3650

 55.3904, 0.3335,
0.5734

 71.8550, 0.3153,
0.3389

 74.8838, 0.3089,
0.3152

 78.0426, 0.3042,
0.2960

 80.1174, 0.3120,
0.2968

 80.7265, 0.3142,
0.2970

Harmonies

Analogous

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



60.6754, 0.4163, 0.4644



60.6754, 0.3422, 0.4827



60.6754, 0.2644, 0.4404

Triad

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



60.6754, 0.3422, 0.4827



60.6754, 0.1756, 0.2223



60.6754, 0.4289, 0.2945

Complementary

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



60.6754, 0.3422, 0.4827



22.6669, 0.2605, 0.1776

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.



60.6754, 0.3479, 0.2458



60.6754, 0.3422, 0.4827



60.6754, 0.2062, 0.2049

Square

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



60.6754, 0.3422, 0.4827



60.6754, 0.1743, 0.2716



60.6754, 0.2658, 0.2141



60.6754, 0.4741, 0.3525

Rectangle

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



60.6754, 0.3422, 0.4827



60.6754, 0.2211, 0.3840



60.6754, 0.2658, 0.2141



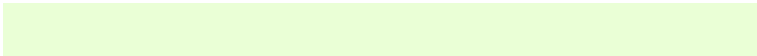
60.6754, 0.4043, 0.2769

Sweetspot

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



60.6780, 0.3422, 0.4827



93.8638, 0.3231, 0.3706



43.0395, 0.4268, 0.4011



19.9367, 0.3244, 0.3764



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.



60.6780, 0.3422, 0.4827



80.7198, 0.3441, 0.5142



56.0696, 0.3037, 0.4993



15.6606, 0.3188, 0.3527



32.9640, 0.3346, 0.5725



2.3380, 0.3464, 0.5631

Inverse Universe

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



22.6669, 0.2605, 0.1776



23.5083, 0.2458, 0.1470



30.1983, 0.3207, 0.2026



13.5898, 0.3061, 0.3053



5.3525, 0.2060, 0.0908



0.4243, 0.2225, 0.0999

Previews

White Background



This preview shows how the Yxy color 60.6754, 0.3422, 0.4827 looks on a white background.

Color Contrast Check

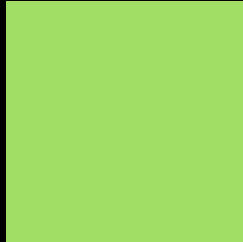
Large Text (above 18pt) WCAG AA × Fail

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 60.6754, 0.3422, 0.4827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

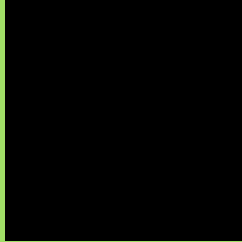
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.6754, 0.3422, 0.4827

Background



This preview shows how black text looks on a background with the Yxy color 60.6754, 0.3422, 0.4827.



This preview shows how white text looks on a background with the Yxy color 60.6754, 0.3422, 0.4827.

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

60.6754, 0.3422, 0.4827

Protanopia

60.1990, 0.4078, 0.4458

Deuteranopia

59.8274, 0.4252, 0.4162



Tritanopia

60.5021, 0.2804, 0.3098

Trichromacy



Original Color

60.6754, 0.3422, 0.4827



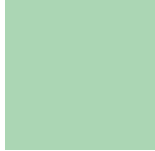
Protanomaly

60.0269, 0.3823, 0.4603



Deuteranomaly

58.9781, 0.3940, 0.4401



Tritanomaly

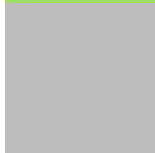
60.0463, 0.3043, 0.3722

Monochromacy



Original Color

60.6754, 0.3422, 0.4827



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

54.2934, 0.3264, 0.3862

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.6754, 0.3422, 0.4827 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(160, 222, 102)` looks like.

```
.text, #text, p{  
    color:rgb(160, 222, 102)  
}
```

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(160, 222, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 222, 102) }
```

Border

The CSS property to change the border of an element to Yxy 60.6754, 0.3422, 0.4827 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(160, 222, 102) }
```

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

```
.border{ border-color:rgb(160, 222, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 222, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 222, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 222, 102);  
box-shadow:4px 4px 4px 4px rgb(160, 222,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 60.6754, 0.3422, 0.4827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 222, 102) }
```

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

```
.background{ background-color: rgb(160,  
222, 102) }
```

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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