

Converting Colors

$Yxy(60.9007, 0.3342, 0.4427)$

Have a look what the booklet for
Yxy(60.9007, 0.3342, 0.4427)
contains.

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Color

Yxy(60.8478, 0.3342, 0.4421)

Conversions

Conversions Part 1

Format	Color
Hex	AADB83
RGB	170, 219, 131
RGB Percent	67%, 86%, 51%
CMY	0.3335, 0.1411, 0.4863
CMYK	0.22, 0.00, 0.40, 0.14
HSL	93°, 55%, 69%
HSV	93°, 40%, 86%
XYZ	45.9971, 60.8478, 30.7886
YIQ	194.3170, -0.9560, -37.7560

Conversions

Conversions Part 2

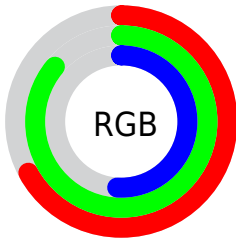
Format	Color
RYB	131, 219, 180
Decimal	11197315
CIELab	82.30, -31.14, 38.20
CIElCh	82, 49.287, 129.181
Yxy	60.8478, 0.3342, 0.4421
Android (android.graphics.Color)	4289387395 (0xFFAADB83)
YUV	194.3170, -31.2153, -21.3260
Hunter-Lab	78.0050, -31.2528, 31.2017

Details

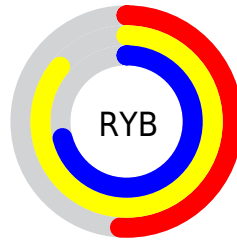
The Yxy color **60.8478, 0.3342, 0.4421** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **31.0550, 0.2804, 0.2191**, and the grayscale version is **54.3306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3537, 0.3356, 0.4023**, and **30.8431, 0.3365, 0.4734** is the 20% darker color. If you saturate the color by 10%, you get **59.0206, 0.3377, 0.4728**, and if you desaturate by 10%, it is **62.9322, 0.3296, 0.4115**.

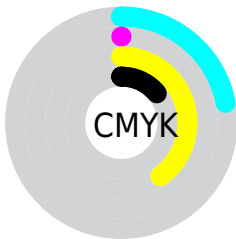
Distribution



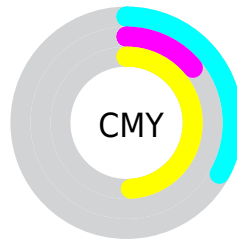
- Red (67%)
- Green (86%)
- Blue (51%)



- Red (51%)
- Yellow (86%)
- Blue (71%)



- Cyan (22%)
- Magenta (0%)
- Yellow (40%)
- Black (14%)





- Cyan (33%)
- Magenta (14%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8478, 0.3342, 0.4421 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 60.8478, 0.3342, 0.4421 by changing the saturation by 10% instead.


 60.8478, 0.3342,
0.4421


 60.8478, 0.3342,
0.4421


427.7157, 0.3259,
0.3856

 44.1023, 0.3354,
0.4559


 106.0585, 0.3318,
0.4217

 30.7510, 0.3366,
0.4734


 135.2926, 0.3307,
0.4140

 20.4093, 0.3372,
0.4962


 169.4583, 0.3297,
0.4075

 12.6929, 0.3366,
0.5267

208.9401, 0.3288,
0.4019

 7.2174, 0.3327,
0.5691

254.1224, 0.3280,
0.3970

 3.5984, 0.3357,
0.6612

305.3894, 0.3273,

 1.4516, 0.2689,

0.3928

0.7311

363.1258, 0.3266,
0.3890

0.2543, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8478, 0.3342,
0.4421

60.8478, 0.3342,
0.4421

59.0206, 0.3377,
0.4728

62.9322, 0.3296,
0.4115

57.4311, 0.3396,
0.5022


65.2764, 0.3243,
0.3822

56.0697, 0.3396,
0.5287


67.8929, 0.3186,
0.3547

54.9223, 0.3376,
0.5506


70.7910, 0.3128,
0.3295

 53.9730, 0.3337,
0.5668

 73.9796, 0.3071,
0.3066

 53.2095, 0.3284,
0.5775

 76.9814, 0.3062,
0.2931

 79.1515, 0.3144,
0.2940

Harmonies

Analogous

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



60.8478, 0.3918, 0.4361



60.8478, 0.3342, 0.4421



60.8478, 0.2738, 0.4069

Triad

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



60.8478, 0.3342, 0.4421



60.8478, 0.2054, 0.2453



60.8478, 0.4038, 0.3066

Complementary

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



60.8478, 0.3342, 0.4421



31.0550, 0.2804, 0.2191

Split Complementary

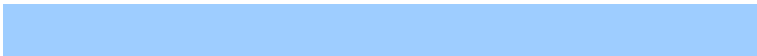
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.8478, 0.3447, 0.2661



60.8478, 0.3342, 0.4421



60.8478, 0.2322, 0.2312

Square

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



60.8478, 0.3342, 0.4421



60.8478, 0.2033, 0.2839



60.8478, 0.2813, 0.2393



60.8478, 0.4361, 0.3542

Rectangle

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



60.8478, 0.3342, 0.4421



60.8478, 0.2401, 0.3661



60.8478, 0.2813, 0.2393



60.8478, 0.3861, 0.2920

Sweetspot

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



60.8504, 0.3342, 0.4421



95.0910, 0.3197, 0.3598



49.1035, 0.3900, 0.3868



20.2466, 0.3205, 0.3633



0.0000, 0.0000, 0.0000



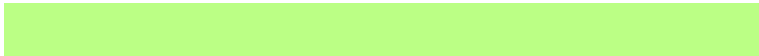
21.4041, 0.3127, 0.3290

Same Dimension

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



60.8504, 0.3342, 0.4421



83.7388, 0.3371, 0.4674



57.2563, 0.3045, 0.4459



14.8868, 0.3182, 0.3527



31.6081, 0.3295, 0.5766



2.0982, 0.3423, 0.5664

Inverse Universe

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



31.0550, 0.2804, 0.2191



36.2790, 0.2716, 0.1954



36.1789, 0.3215, 0.2347



12.9733, 0.3068, 0.3055



5.5550, 0.2144, 0.0955



0.4106, 0.2311, 0.1047

Previews

White Background



This preview shows how the Yxy color 60.8478, 0.3342, 0.4421 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 60.8478, 0.3342, 0.4421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

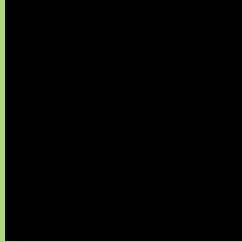
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.8478, 0.3342, 0.4421

Background



This preview shows how black text looks on a background with the Yxy color 60.8478, 0.3342, 0.4421.



This preview shows how white text looks on a background with the Yxy color 60.8478, 0.3342, 0.4421.

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

60.8478, 0.3342, 0.4421

Protanopia

60.3544, 0.3865, 0.4186

Deuteranopia

60.2203, 0.4014, 0.3923



Tritanopia

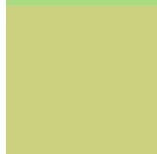
60.6839, 0.2849, 0.3100

Trichromacy



Original Color

60.8478, 0.3342, 0.4421



Protanomaly

59.9706, 0.3669, 0.4270



Deuteranomaly

59.8124, 0.3758, 0.4101



Tritanomaly

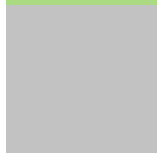
60.3884, 0.3035, 0.3563

Monochromacy



Original Color

60.8478, 0.3342, 0.4421



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

55.9664, 0.3217, 0.3696

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8478, 0.3342, 0.4421 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(170, 219, 131)` looks like.

```
.text, #text, p{  
    color:rgb(170, 219, 131)  
}
```

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(170, 219, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 219, 131) }
```

Border

The CSS property to change the border of an element to Yxy 60.8478, 0.3342, 0.4421 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(170, 219, 131) }
```

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

```
.border{ border-color:rgb(170, 219, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 219, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 219, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 219, 131);  
box-shadow:4px 4px 4px 4px rgb(170, 219,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8478, 0.3342, 0.4421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 219, 131) }
```

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

```
.background{ background-color: rgb(170,  
219, 131) }
```

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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