

Converting Colors

$Yxy(62.5651, 0.3466, 0.4494)$

Have a look what the booklet for
Yxy(62.5651, 0.3466, 0.4494)
contains.

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Color

Yxy(62.4402, 0.3472, 0.4495)

Conversions

Conversions Part 1

Format	Color
Hex	B5DC7B
RGB	181, 220, 123
RGB Percent	71%, 86%, 48%
CMY	0.2900, 0.1373, 0.5177
CMYK	0.18, 0.00, 0.44, 0.14
HSL	84°, 58%, 67%
HSV	84°, 44%, 86%
XYZ	48.2297, 62.4402, 28.2405
YIQ	197.2810, 7.8930, -38.4350

Conversions

Conversions Part 2

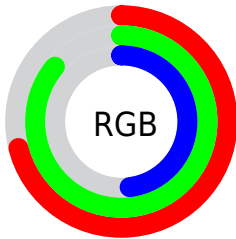
Format	Color
RYB	123, 220, 162
Decimal	11918459
CIELab	83.15, -28.55, 43.40
CIELCh	83, 51.947, 123.341
Yxy	62.4402, 0.3472, 0.4495
Android (android.graphics.Color)	4290108539 (0xFFB5DC7B)
YUV	197.2810, -36.6205, -14.2784
Hunter-Lab	79.0191, -29.3352, 34.1239

Details

The Yxy color **62.4402, 0.3472, 0.4495** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **27.0020, 0.2624, 0.2031**, and the grayscale version is **56.2396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8715, 0.3475, 0.4088**, and **31.8138, 0.3515, 0.4814** is the 20% darker color. If you saturate the color by 10%, you get **60.9180, 0.3526, 0.4774**, and if you desaturate by 10%, it is **64.1594, 0.3404, 0.4207**.

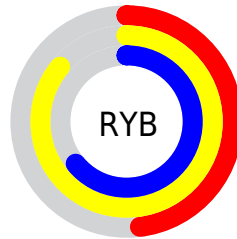
Distribution



Red (71%)

Green (86%)

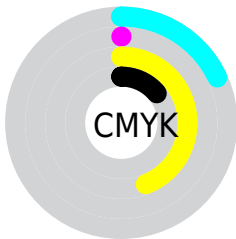
Blue (48%)



Red (48%)

Yellow (86%)

Blue (64%)

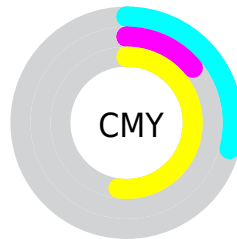


Cyan (18%)

Magenta (0%)

Yellow (44%)

Black (14%)



Cyan (29%)


Magenta (14%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4402, 0.3472, 0.4495 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 62.4402, 0.3472, 0.4495 by changing the saturation by 10% instead.


 62.4402, 0.3472,
0.4495


 62.4402, 0.3472,
0.4495


433.5350, 0.3332,
0.3901


 45.3885, 0.3496,
0.4637


 108.3615, 0.3429,
0.4283

 31.7635, 0.3521,
0.4816


 137.9999, 0.3410,
0.4202

 21.1809, 0.3544,
0.5044


 172.6026, 0.3394,
0.4133

 13.2563, 0.3555,
0.5342

212.5540, 0.3379,
0.4074

 7.6053, 0.3534,
0.5740

258.2386, 0.3365,
0.4022

 3.8434, 0.3528,
0.6472

310.0407, 0.3353,

 1.5864, 0.3020,

0.3977

0.6980

368.3447, 0.3342,
0.3937

■ 0.3484, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4402, 0.3472,
0.4495

■ 62.4402, 0.3472,
0.4495

■ 60.9180, 0.3526,
0.4774

■ 64.1594, 0.3404,
0.4207

■ 59.5749, 0.3562,
0.5031


■ 66.0762, 0.3327,
0.3922


■ 58.4030, 0.3575,
0.5252


■ 68.2016, 0.3245,
0.3648

■ 57.3900, 0.3564,
0.5426


■ 70.5431, 0.3161,
0.3390

 56.5213, 0.3530,
0.5548


 73.1081, 0.3079,
0.3152

 56.0630, 0.3502,
0.5601

 75.9032, 0.3000,
0.2935

 77.4380, 0.3060,
0.2941

 79.0467, 0.3120,
0.2947

 79.6651, 0.3143,
0.2950

Harmonies

Analogous

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



62.4402, 0.4048, 0.4351



62.4402, 0.3472, 0.4495



62.4402, 0.2835, 0.4211

Triad

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



62.4402, 0.3472, 0.4495



62.4402, 0.1987, 0.2474



62.4402, 0.3974, 0.2965

Complementary

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



62.4402, 0.3472, 0.4495



27.0020, 0.2624, 0.2031

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.



62.4402, 0.3327, 0.2569



62.4402, 0.3472, 0.4495



62.4402, 0.2216, 0.2282

Square

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



62.4402, 0.3472, 0.4495



62.4402, 0.2016, 0.2924



62.4402, 0.2683, 0.2325



62.4402, 0.4381, 0.3449

Rectangle

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



62.4402, 0.3472, 0.4495



62.4402, 0.2462, 0.3811



62.4402, 0.2683, 0.2325



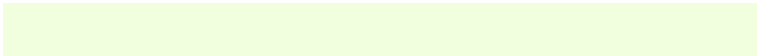
62.4402, 0.3773, 0.2820

Sweetspot

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



62.4430, 0.3472, 0.4495



95.6080, 0.3236, 0.3622



42.4097, 0.4073, 0.3757



20.3156, 0.3255, 0.3681



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.



62.4430, 0.3472, 0.4495



85.2525, 0.3523, 0.4756



57.5750, 0.3124, 0.4637



14.9896, 0.3206, 0.3525



32.9701, 0.3512, 0.5593



2.1856, 0.3622, 0.5506

Inverse Universe

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



27.0020, 0.2624, 0.2031



29.6294, 0.2485, 0.1743



33.0723, 0.3083, 0.2185



12.8711, 0.3043, 0.3053



4.3210, 0.1852, 0.0794



0.3293, 0.2037, 0.0896

Previews

White Background



This preview shows how the Yxy color 62.4402, 0.3472, 0.4495 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 62.4402, 0.3472, 0.4495 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 62.4402, 0.3472, 0.4495

Background



This preview shows how black text looks on a background with the Yxy color 62.4402, 0.3472, 0.4495.



This preview shows how white text looks on a background with the Yxy color 62.4402, 0.3472, 0.4495.

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

62.4402, 0.3472, 0.4495

Protanopia

62.2645, 0.3931, 0.4274

Deuteranopia

61.8150, 0.4106, 0.4011



Tritanopia

62.1501, 0.2919, 0.3093

Trichromacy



Original Color

62.4402, 0.3472, 0.4495



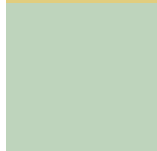
Protanomaly

62.1447, 0.3753, 0.4358



Deuteranomaly

61.1766, 0.3870, 0.4179



Tritanomaly

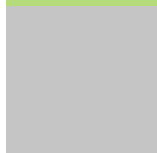
61.6650, 0.3128, 0.3582

Monochromacy



Original Color

62.4402, 0.3472, 0.4495



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.6413, 0.3269, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4402, 0.3472, 0.4495 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(181, 220, 123)` looks like.

```
.text, #text, p{  
    color:rgb(181, 220, 123)  
}
```

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(181, 220, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 220, 123) }
```

Border

The CSS property to change the border of an element to Yxy 62.4402, 0.3472, 0.4495 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(181, 220, 123) }
```

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

```
.border{ border-color:rgb(181, 220, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 220, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 220, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 220, 123);  
box-shadow:4px 4px 4px 4px rgb(181, 220,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4402, 0.3472, 0.4495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 220, 123) }
```

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

```
.background{ background-color: rgb(181,  
220, 123) }
```

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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