

Converting Colors

Yxy(62.2491, 0.3273, 0.4700)

Have a look what the booklet for
Yxy(62.2491, 0.3273, 0.4700)
contains.

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Color

Yxy(62.3761, 0.3272, 0.4701)

Conversions

Conversions Part 1

Format	Color
Hex	98E276
RGB	152, 226, 118
RGB Percent	60%, 89%, 46%
CMY	0.4039, 0.1137, 0.5372
CMYK	0.33, 0.00, 0.48, 0.11
HSL	101°, 65%, 67%
HSV	101°, 48%, 89%
XYZ	43.4151, 62.3761, 26.8956
YIQ	191.5620, -9.4360, -49.2760

Conversions

Conversions Part 2

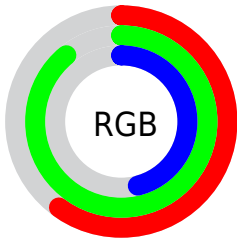
Format	Color
RYB	118, 226, 192
Decimal	10019446
CIELab	83.11, -42.14, 45.40
CIElCh	83, 61.942, 132.872
Yxy	62.3761, 0.3272, 0.4701
Android (android.graphics.Color)	4288209526 (0xFF98E276)
YUV	191.5620, -36.2661, -34.6959
Hunter-Lab	78.9785, -40.0895, 35.0942

Details

The Yxy color **62.3761, 0.3272, 0.4701** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **29.6624, 0.2852, 0.2017**, and the grayscale version is **52.6644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0539, 0.3311, 0.4195**, and **31.6842, 0.3263, 0.5096** is the 20% darker color. If you saturate the color by 10%, you get **60.5059, 0.3278, 0.5019**, and if you desaturate by 10%, it is **64.5755, 0.3254, 0.4376**.

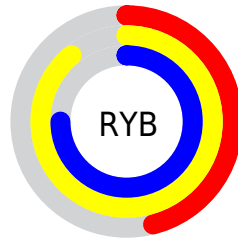
Distribution



Red (60%)

Green (89%)

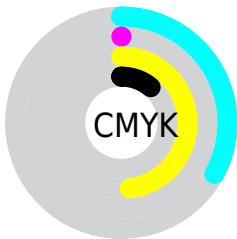
Blue (46%)



Red (46%)

Yellow (89%)

Blue (75%)

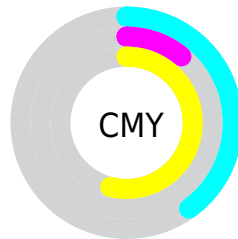


Cyan (33%)

Magenta (0%)

Yellow (48%)

Black (11%)



Cyan (40%)


Magenta (11%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3761, 0.3272, 0.4701 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 62.3761, 0.3272, 0.4701 by changing the saturation by 10% instead.

 62.3761, 0.3272,
0.4701


 62.3761, 0.3272,
0.4701

433.3017, 0.3236,
0.3992


 45.3367, 0.3269,
0.4875


 108.2689, 0.3268,
0.4445

 31.7227, 0.3259,
0.5094


 137.8911, 0.3263,
0.4348

 21.1498, 0.3234,
0.5377


 172.4763, 0.3259,
0.4266

 13.2335, 0.3179,
0.5753

212.4089, 0.3254,
0.4196

 7.5896, 0.3060,
0.6265

258.0734, 0.3249,
0.4135

 3.8335, 0.2862,
0.7138


309.8541, 0.3244,


 1.5808, 0.1817,


0.4081


0.8183


368.1354, 0.3240,
0.4034


 0.3446, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 62.3761, 0.3272,
0.4701


 62.3761, 0.3272,
0.4701


 60.5059, 0.3278,
0.5019


 64.5755, 0.3254,
0.4376


 58.9402, 0.3270,
0.5312

 67.1117, 0.3226,
0.4059

 57.6629, 0.3246,
0.5559

 70.0018, 0.3193,
0.3760

 56.6530, 0.3207,
0.5745

 73.2592, 0.3157,
0.3485

 55.8841, 0.3157,
0.5863

 76.8970, 0.3119,
0.3237

 55.7392, 0.3146,
0.5884

 80.9271, 0.3081,
0.3016

 82.8755, 0.3140,
0.3009

Harmonies

Analogous

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



62.3761, 0.3996, 0.4639



62.3761, 0.3272, 0.4701



62.3761, 0.2549, 0.4195

Triad

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



62.3761, 0.3272, 0.4701



62.3761, 0.1857, 0.2226



62.3761, 0.4336, 0.3068

Complementary

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



62.3761, 0.3272, 0.4701



29.6624, 0.2852, 0.2017

Split Complementary

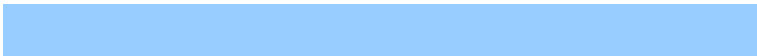
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.3761, 0.3617, 0.2578



62.3761, 0.3272, 0.4701



62.3761, 0.2204, 0.2108

Square

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



62.3761, 0.3272, 0.4701



62.3761, 0.1791, 0.2640



62.3761, 0.2821, 0.2238



62.3761, 0.4675, 0.3633

Rectangle

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



62.3761, 0.3272, 0.4701



62.3761, 0.2167, 0.3645



62.3761, 0.2821, 0.2238



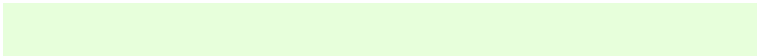
62.3761, 0.4126, 0.2893

Sweetspot

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



62.3788, 0.3272, 0.4701



93.5615, 0.3180, 0.3656



55.0934, 0.4003, 0.4127



19.8324, 0.3188, 0.3717



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.



62.3788, 0.3272, 0.4701



79.6447, 0.3278, 0.5007



60.0779, 0.2955, 0.4523



15.5454, 0.3163, 0.3529



31.8535, 0.3156, 0.5876



2.2545, 0.3274, 0.5783

Inverse Universe

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



29.6624, 0.2852, 0.2017



31.8908, 0.2776, 0.1772



33.5969, 0.3379, 0.2316



13.7081, 0.3088, 0.3055



7.1679, 0.2430, 0.1112



0.5439, 0.2553, 0.1180

Previews

White Background



This preview shows how the Yxy color 62.3761, 0.3272, 0.4701 looks on a white background.

Color Contrast Check

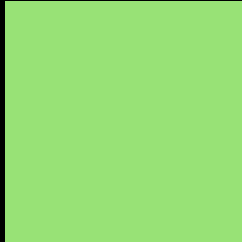
Large Text (above 18pt) WCAG AA × Fail

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 62.3761, 0.3272, 0.4701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

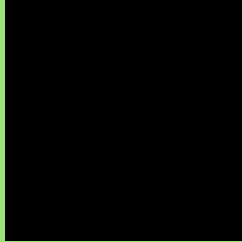
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3761, 0.3272, 0.4701

Background



This preview shows how black text looks on a background with the Yxy color 62.3761, 0.3272, 0.4701.



This preview shows how white text looks on a background with the Yxy color 62.3761, 0.3272, 0.4701.

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

62.3761, 0.3272, 0.4701

Protanopia

61.6212, 0.3982, 0.4334

Deuteranopia

61.7372, 0.4128, 0.4040



Tritanopia

61.8477, 0.2727, 0.3086

Trichromacy



Original Color

62.3761, 0.3272, 0.4701



Protanomaly

61.0828, 0.3703, 0.4466



Deuteranomaly

60.8130, 0.3791, 0.4285



Tritanomaly

61.6035, 0.2931, 0.3658

Monochromacy



Original Color

62.3761, 0.3272, 0.4701



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.2495, 0.3195, 0.3795

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3761, 0.3272, 0.4701 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(152, 226, 118)` looks like.

```
.text, #text, p{  
    color:rgb(152, 226, 118)  
}
```

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(152, 226, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 226, 118) }
```

Border

The CSS property to change the border of an element to Yxy 62.3761, 0.3272, 0.4701 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(152, 226, 118) }
```

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

```
.border{ border-color:rgb(152, 226, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 226, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 226, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 226, 118); box-shadow:4px 4px 4px 4px rgb(152, 226, 118) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3761, 0.3272, 0.4701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 226, 118) }
```

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

```
.background{ background-color: rgb(152,  
226, 118) }
```

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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