

Converting Colors

Yxy(62.4837, 0.3222, 0.4604)

Have a look what the booklet for
Yxy(62.4837, 0.3222, 0.4604)
contains.

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Color

Yxy(62.4784, 0.3222, 0.4604)

Conversions

Conversions Part 1

Format	Color
Hex	97E27E
RGB	151, 226, 126
RGB Percent	59%, 89%, 49%
CMY	0.4079, 0.1137, 0.5058
CMYK	0.33, 0.00, 0.44, 0.11
HSL	105°, 63%, 69%
HSV	105°, 44%, 89%
XYZ	43.7240, 62.4784, 29.5022
YIQ	192.1750, -12.6000, -47.0000

Conversions

Conversions Part 2

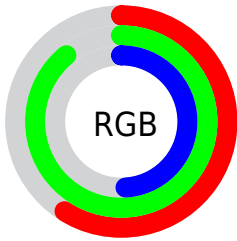
Format	Color
RYB	126, 226, 201
Decimal	9953918
CIELab	83.17, -41.47, 41.56
CIELCh	83, 58.708, 134.935
Yxy	62.4784, 0.3222, 0.4604
Android (android.graphics.Color)	4288143998 (0xFF97E27E)
YUV	192.1750, -32.6243, -36.1105
Hunter-Lab	79.0433, -39.5857, 33.2008

Details

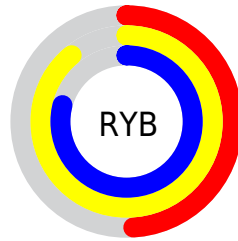
The Yxy color **62.4784, 0.3222, 0.4604** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **32.8443, 0.2940, 0.2132**, and the grayscale version is **53.0205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2252, 0.3260, 0.4108**, and **31.7442, 0.3202, 0.4966** is the 20% darker color. If you saturate the color by 10%, you get **60.4545, 0.3225, 0.4935**, and if you desaturate by 10%, it is **64.8729, 0.3209, 0.4273**.

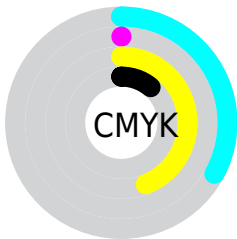
Distribution



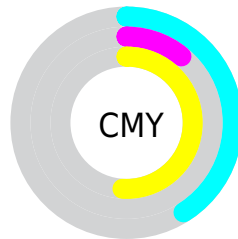
- Red (59%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (79%)



- Cyan (33%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)




- Cyan (41%)
- Magenta (11%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4784, 0.3222, 0.4604 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 62.4784, 0.3222, 0.4604 by changing the saturation by 10% instead.


 62.4784, 0.3222,
0.4604

 62.4784, 0.3222,
0.4604


433.6740, 0.3205,
0.3943

 45.4194, 0.3217,
0.4767


 108.4167, 0.3223,
0.4365

 31.7879, 0.3205,
0.4973


 138.0647, 0.3221,
0.4274

 21.1995, 0.3179,
0.5242


 172.6778, 0.3219,
0.4198

 13.2699, 0.3127,
0.5603

212.6404, 0.3216,
0.4132

 7.6147, 0.3018,
0.6102

258.3370, 0.3213,
0.4076

 3.8494, 0.2898,
0.7102

310.1518, 0.3210,

 1.5897, 0.1901,

0.4026

0.8099

368.4694, 0.3207,
0.3982

■ 0.3506, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 62.4784, 0.3222,
0.4604

■ 62.4784, 0.3222,
0.4604

■ 60.4545, 0.3225,
0.4935

■ 64.8729, 0.3209,
0.4273

■ 58.7742, 0.3216,
0.5248


■ 67.6473, 0.3190,
0.3955


■ 57.4194, 0.3195,
0.5520


■ 70.8208, 0.3166,
0.3661


■ 56.3670, 0.3162,
0.5732

■ 74.4085, 0.3139,
0.3394

 55.5901, 0.3119,
0.5872

 78.4250, 0.3111,
0.3156

 55.2489, 0.3094,
0.5925

 82.4496, 0.3125,
0.3008

 82.8760, 0.3140,
0.3009

Harmonies

Analogous

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



62.4784, 0.3917, 0.4591



62.4784, 0.3222, 0.4604



62.4784, 0.2539, 0.4094

Triad

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



62.4784, 0.3222, 0.4604



62.4784, 0.1927, 0.2261



62.4784, 0.4309, 0.3119

Complementary

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



62.4784, 0.3222, 0.4604



32.8443, 0.2940, 0.2132

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.



62.4784, 0.3646, 0.2640



62.4784, 0.3222, 0.4604



62.4784, 0.2280, 0.2161

Square

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



62.4784, 0.3222, 0.4604



62.4784, 0.1846, 0.2640



62.4784, 0.2887, 0.2301



62.4784, 0.4601, 0.3665

Rectangle

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



62.4784, 0.3222, 0.4604



62.4784, 0.2183, 0.3572



62.4784, 0.2887, 0.2301



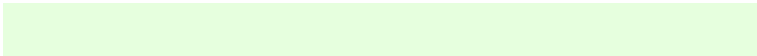
62.4784, 0.4117, 0.2948

Sweetspot

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



62.4811, 0.3222, 0.4604



93.6296, 0.3163, 0.3629



59.4555, 0.3897, 0.4136



19.8293, 0.3168, 0.3691



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.



62.4811, 0.3222, 0.4604



79.7021, 0.3225, 0.4907



61.0689, 0.2928, 0.4320



15.5017, 0.3153, 0.3530



31.5648, 0.3103, 0.5918



2.2297, 0.3213, 0.5831

Inverse Universe

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



32.8443, 0.2940, 0.2132



36.0302, 0.2886, 0.1903



35.3162, 0.3425, 0.2450



13.7544, 0.3098, 0.3056



8.0403, 0.2587, 0.1199



0.5986, 0.2687, 0.1254

Previews

White Background



This preview shows how the Yxy color 62.4784, 0.3222, 0.4604 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 62.4784, 0.3222, 0.4604 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 62.4784, 0.3222, 0.4604

Background



This preview shows how black text looks on a background with the Yxy color 62.4784, 0.3222, 0.4604.

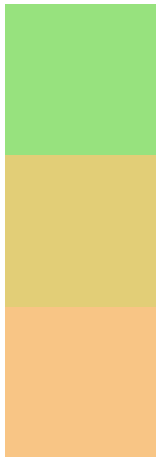


This preview shows how white text looks on a background with the Yxy color 62.4784, 0.3222, 0.4604.

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

62.4784, 0.3222, 0.4604

Protanopia

61.6433, 0.3921, 0.4258

Deuteranopia

61.5824, 0.4052, 0.3967



Tritanopia

62.2977, 0.2716, 0.3086

Trichromacy



Original Color

62.4784, 0.3222, 0.4604



Protanomaly

61.1358, 0.3645, 0.4382



Deuteranomaly

60.8696, 0.3728, 0.4200



Tritanomaly

61.6744, 0.2900, 0.3606

Monochromacy



Original Color

62.4784, 0.3222, 0.4604



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

55.3600, 0.3174, 0.3755

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4784, 0.3222, 0.4604 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(151, 226, 126)` looks like.

```
.text, #text, p{  
    color:rgb(151, 226, 126)  
}
```

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(151, 226, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 226, 126) }
```

Border

The CSS property to change the border of an element to Yxy 62.4784, 0.3222, 0.4604 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(151, 226, 126) }
```

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

```
.border{ border-color:rgb(151, 226, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 226, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 226, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 226, 126);  
box-shadow:4px 4px 4px 4px rgb(151, 226,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4784, 0.3222, 0.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 226, 126) }
```

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

```
.background{ background-color: rgb(151,  
226, 126) }
```

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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