

Converting Colors

Yxy(61.6258, 0.3208, 0.4607)

Have a look what the booklet for
Yxy(61.6258, 0.3208, 0.4607)
contains.

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Color

Yxy(61.6527, 0.3203, 0.4603)

Conversions

Conversions Part 1

Format	Color
Hex	94E17E
RGB	148, 225, 126
RGB Percent	58%, 88%, 49%
CMY	0.4197, 0.1176, 0.5058
CMYK	0.34, 0.00, 0.44, 0.12
HSL	107°, 62%, 69%
HSV	107°, 44%, 88%
XYZ	42.9011, 61.6527, 29.3865
YIQ	190.6910, -14.1130, -47.1130

Conversions

Conversions Part 2

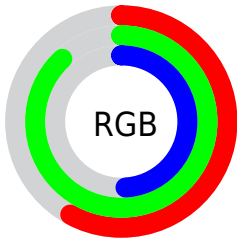
Format	Color
RYB	126, 225, 203
Decimal	9757054
CIELab	82.73, -42.01, 40.97
CIELCh	83, 58.683, 135.717
Yxy	61.6527, 0.3203, 0.4603
Android (android.graphics.Color)	4287947134 (0xFF94E17E)
YUV	190.6910, -31.8927, -37.4400
Hunter-Lab	78.5192, -39.8805, 32.7737

Details

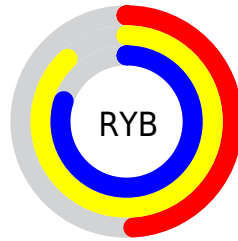
The Yxy color **61.6527, 0.3203, 0.4603** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **33.0718, 0.2968, 0.2148**, and the grayscale version is **52.1052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7944, 0.3241, 0.4113**, and **31.2111, 0.3180, 0.4969** is the 20% darker color. If you saturate the color by 10%, you get **59.6271, 0.3203, 0.4938**, and if you desaturate by 10%, it is **64.0613, 0.3194, 0.4269**.

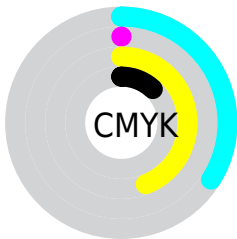
Distribution



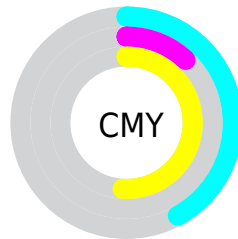
- Red (58%)
- Green (88%)
- Blue (49%)



- Red (49%)
- Yellow (88%)
- Blue (80%)



- Cyan (34%)
- Magenta (0%)
- Yellow (44%)
- Black (12%)




- Cyan (42%)
- Magenta (12%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6527, 0.3203, 0.4603 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 61.6527, 0.3203, 0.4603 by changing the saturation by 10% instead.

 61.6527, 0.3203,
0.4603

 61.6527, 0.3203,
0.4603


430.6631, 0.3194,
0.3940


 44.7521, 0.3196,
0.4767


 107.2234, 0.3207,
0.4363

 31.2622, 0.3181,
0.4975


 136.6624, 0.3206,
0.4272

 20.7986, 0.3152,
0.5248


 171.0496, 0.3205,
0.4195

 12.9769, 0.3096,
0.5614

210.7694, 0.3203,
0.4130

 7.4126, 0.2980,
0.6124

256.2063, 0.3201,
0.4073

 3.7215, 0.2849,
0.7151

307.7446, 0.3199,

 1.5190, 0.1712,

0.4023

0.8288

365.7688, 0.3197,
0.3979

0.3020, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.6527, 0.3203,
0.4603

61.6527, 0.3203,
0.4603

59.6271, 0.3203,
0.4938

64.0613, 0.3194,
0.4269

57.9566, 0.3193,
0.5255


66.8634, 0.3179,
0.3950


56.6220, 0.3171,
0.5530


70.0787, 0.3159,
0.3655


55.5989, 0.3139,
0.5745


73.7235, 0.3136,
0.3388

 54.8589, 0.3099,
0.5885

 77.8130, 0.3113,
0.3151

 54.5302, 0.3076,
0.5940

 81.9669, 0.3127,
0.2998

 82.3352, 0.3141,
0.2999

Harmonies

Analogous

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



61.6527, 0.3903, 0.4603



61.6527, 0.3203, 0.4603



61.6527, 0.2521, 0.4078

Triad

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



61.6527, 0.3203, 0.4603



61.6527, 0.1929, 0.2251



61.6527, 0.4327, 0.3132

Complementary

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



61.6527, 0.3203, 0.4603



33.0718, 0.2968, 0.2148

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.



61.6527, 0.3667, 0.2649



61.6527, 0.3203, 0.4603



61.6527, 0.2290, 0.2158

Square

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



61.6527, 0.3203, 0.4603



61.6527, 0.1840, 0.2623



61.6527, 0.2905, 0.2304



61.6527, 0.4608, 0.3680

Rectangle

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



61.6527, 0.3203, 0.4603



61.6527, 0.2168, 0.3552



61.6527, 0.2905, 0.2304



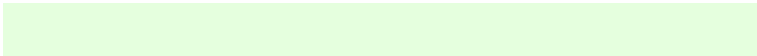
61.6527, 0.4138, 0.2960

Sweetspot

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



61.6553, 0.3203, 0.4603



93.4766, 0.3157, 0.3630



59.7165, 0.3884, 0.4148



19.7919, 0.3162, 0.3692



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.



61.6553, 0.3203, 0.4603



79.3383, 0.3204, 0.4918



60.5739, 0.2920, 0.4289



15.4830, 0.3149, 0.3530



31.4625, 0.3084, 0.5933



2.2203, 0.3188, 0.5850

Inverse Universe

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



33.0718, 0.2968, 0.2148



36.6311, 0.2919, 0.1916



35.0436, 0.3440, 0.2471



13.7744, 0.3103, 0.3056



8.4465, 0.2656, 0.1237



0.6237, 0.2745, 0.1286

Previews

White Background



This preview shows how the Yxy color 61.6527, 0.3203, 0.4603 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 61.6527, 0.3203, 0.4603 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 61.6527, 0.3203, 0.4603

Background



This preview shows how black text looks on a background with the Yxy color 61.6527, 0.3203, 0.4603.

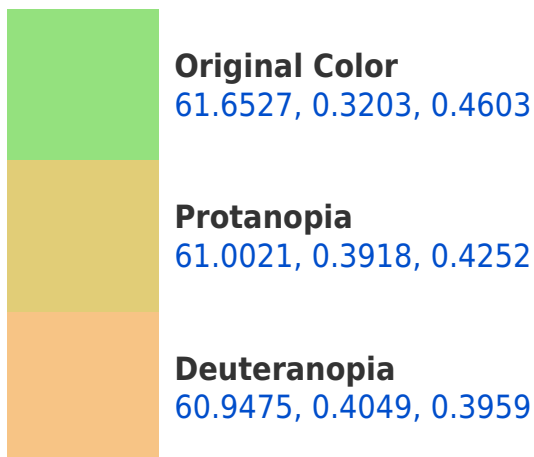


This preview shows how white text looks on a background with the Yxy color 61.6527, 0.3203, 0.4603.

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





Tritanopia

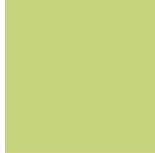
61.4087, 0.2702, 0.3084

Trichromacy



Original Color

61.6527, 0.3203, 0.4603



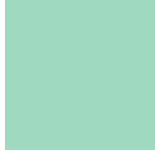
Protanomaly

60.3624, 0.3633, 0.4378



Deuteranomaly

60.0862, 0.3715, 0.4196



Tritanomaly

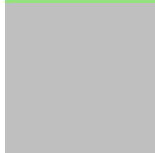
60.8024, 0.2886, 0.3609

Monochromacy



Original Color

61.6527, 0.3203, 0.4603



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.6159, 0.3167, 0.3759

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6527, 0.3203, 0.4603 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(148, 225, 126)` looks like.

```
.text, #text, p{  
    color:rgb(148, 225, 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(148, 225, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 225, 126) }
```

Border

The CSS property to change the border of an element to Yxy 61.6527, 0.3203, 0.4603 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(148, 225, 126) }
```

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

```
.border{ border-color:rgb(148, 225, 126) }
```

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

Here you see how a box with a 4 pixel rgb(148, 225, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 225, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 225, 126);  
box-shadow:4px 4px 4px 4px rgb(148, 225,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6527, 0.3203, 0.4603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 225, 126) }
```

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

```
.background{ background-color: rgb(148,  
225, 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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