

Converting Colors

Yxy(62.8942, 0.3047, 0.4284)

Have a look what the booklet for
Yxy(62.8942, 0.3047, 0.4284)
contains.

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Color

Yxy(62.7381, 0.3049, 0.4285)

Conversions

Conversions Part 1

Format	Color
Hex	92E297
RGB	146, 226, 151
RGB Percent	57%, 89%, 59%
CMY	0.4273, 0.1137, 0.4078
CMYK	0.35, 0.00, 0.33, 0.11
HSL	124°, 58%, 73%
HSV	124°, 35%, 89%
XYZ	44.6414, 62.7381, 39.0338
YIQ	193.5300, -23.6050, -40.2850

Conversions

Conversions Part 2

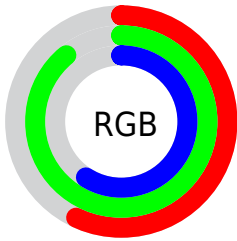
Format	Color
RYB	146, 221, 226
Decimal	9626263
CIELab	83.30, -39.38, 29.14
CIELCh	83, 48.984, 143.499
Yxy	62.7381, 0.3049, 0.4285
Android (android.graphics.Color)	4287816343 (0xFF92E297)
YUV	193.5300, -20.9673, -41.6838
Hunter-Lab	79.2074, -38.0100, 26.2268

Details

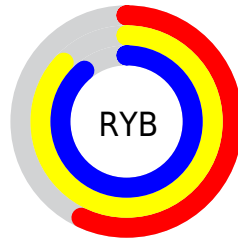
The Yxy color **62.7381, 0.3049, 0.4285** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **41.9614, 0.3212, 0.2464**, and the grayscale version is **53.7994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.5328, 0.3078, 0.3824**, and **31.9256, 0.3013, 0.4572** is the 20% darker color. If you saturate the color by 10%, you get **60.2416, 0.3028, 0.4624**, and if you desaturate by 10%, it is **65.7731, 0.3072, 0.3966**.

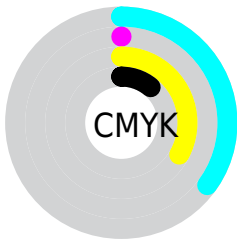
Distribution



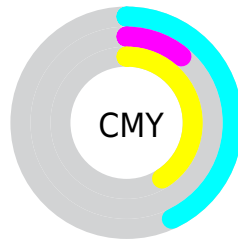
- Red (57%)
- Green (89%)
- Blue (59%)



- Red (57%)
- Yellow (87%)
- Blue (89%)



- Cyan (35%)
- Magenta (0%)
- Yellow (33%)
- Black (11%)





- Cyan (43%)
- Magenta (11%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7381, 0.3049, 0.4285 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 62.7381, 0.3049, 0.4285 by changing the saturation by 10% instead.


 62.7381, 0.3049,
0.4285


 62.7381, 0.3049,
0.4285


434.6184, 0.3102,
0.3785

 45.6294, 0.3032,
0.4409


 108.7916, 0.3071,
0.4103

 31.9534, 0.3008,
0.4568


 138.5051, 0.3079,
0.4035

 21.3259, 0.2972,
0.4778


173.1891, 0.3084,
0.3977

 13.3625, 0.2916,
0.5067

213.2278, 0.3089,
0.3928

 7.6786, 0.2819,
0.5485

259.0057, 0.3093,
0.3885

 3.8900, 0.2640,
0.6141

310.9071, 0.3096,

 1.6122, 0.2139,

0.3848

0.7861

369.3166, 0.3099,
0.3815

0.3658, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.7381, 0.3049,
0.4285

62.7381, 0.3049,
0.4285

60.2416, 0.3028,
0.4624

65.7731, 0.3072,
0.3966

58.2448, 0.3009,
0.4967

69.3672, 0.3094,
0.3675

56.7163, 0.2995,
0.5292

73.5492, 0.3116,
0.3416

55.6179, 0.2987,
0.5575

78.3440, 0.3136,
0.3189

■ 54.9052, 0.2985,
0.5792

■ 82.8716, 0.3140,
0.3009

■ 54.5242, 0.2990,
0.5930

■ 54.4234, 0.2991,
0.5969

Harmonies

Analogous

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



62.7381, 0.3651, 0.4419



62.7381, 0.3049, 0.4285



62.7381, 0.2499, 0.3776

Triad

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



62.7381, 0.3049, 0.4285



62.7381, 0.2166, 0.2369



62.7381, 0.4219, 0.3290

Complementary

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



62.7381, 0.3049, 0.4285



41.9614, 0.3212, 0.2464

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.



62.7381, 0.3739, 0.2848



62.7381, 0.3049, 0.4285



62.7381, 0.2541, 0.2338

Square

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



62.7381, 0.3049, 0.4285



62.7381, 0.2027, 0.2635



62.7381, 0.3108, 0.2511



62.7381, 0.4362, 0.3766

Rectangle

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



62.7381, 0.3049, 0.4285



62.7381, 0.2232, 0.3346



62.7381, 0.3108, 0.2511



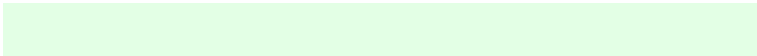
62.7381, 0.4090, 0.3135

Sweetspot

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



62.7407, 0.3049, 0.4285



93.4826, 0.3104, 0.3559



71.9979, 0.3628, 0.4178



19.8517, 0.3101, 0.3595



0.0000, 0.0000, 0.0000



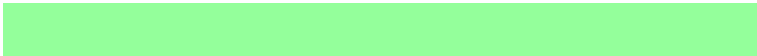
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7407, 0.3049, 0.4285



80.1578, 0.3034, 0.4518



64.2249, 0.2825, 0.3753



15.3510, 0.3107, 0.3517



31.0550, 0.2989, 0.5959



2.1575, 0.2955, 0.5840

Inverse Universe

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



41.9614, 0.3212, 0.2464



49.2080, 0.3231, 0.2310



40.1171, 0.3589, 0.2874



13.9202, 0.3147, 0.3073



11.9423, 0.3370, 0.1630



0.8323, 0.3343, 0.1615

Previews

White Background



This preview shows how the Yxy color 62.7381, 0.3049, 0.4285 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 62.7381, 0.3049, 0.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

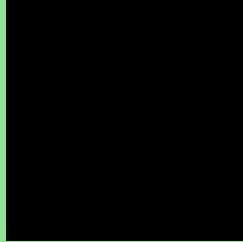
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7381, 0.3049, 0.4285

Background



This preview shows how black text looks on a background with the Yxy color 62.7381, 0.3049, 0.4285.



This preview shows how white text looks on a background with the Yxy color 62.7381, 0.3049, 0.4285.

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

62.7381, 0.3049, 0.4285

Protanopia

61.8138, 0.3727, 0.4010

Deuteranopia

61.8772, 0.3818, 0.3736



Tritanopia

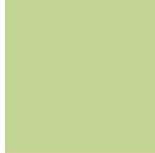
62.6763, 0.2666, 0.3085

Trichromacy



Original Color

62.7381, 0.3049, 0.4285



Protanomaly

61.2659, 0.3454, 0.4110



Deuteranomaly

60.8882, 0.3509, 0.3922



Tritanomaly

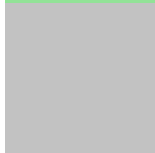
62.5661, 0.2804, 0.3503

Monochromacy



Original Color

62.7381, 0.3049, 0.4285



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

56.7041, 0.3103, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7381, 0.3049, 0.4285 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(146, 226, 151)` looks like.

```
.text, #text, p{  
    color:rgb(146, 226, 151)  
}
```

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(146, 226, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 226, 151) }
```

Border

The CSS property to change the border of an element to Yxy 62.7381, 0.3049, 0.4285 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(146, 226, 151) }
```

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

```
.border{ border-color:rgb(146, 226, 151) }
```

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

Here you see how a box with a 4 pixel rgb(146, 226, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 226, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 226, 151);  
box-shadow:4px 4px 4px 4px rgb(146, 226,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7381, 0.3049, 0.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 226, 151) }
```

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

```
.background{ background-color: rgb(146,  
226, 151) }
```

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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