

Converting Colors

Yxy(62.6557, 0.3381, 0.4442)

Have a look what the booklet for
Yxy(62.6557, 0.3381, 0.4442)
contains.

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Color

Yxy(62.4386, 0.3381, 0.4439)

Conversions

Conversions Part 1

Format	Color
Hex	AFDD82
RGB	175, 221, 130
RGB Percent	69%, 87%, 51%
CMY	0.3139, 0.1333, 0.4902
CMYK	0.21, 0.00, 0.41, 0.13
HSL	90°, 57%, 69%
HSV	90°, 41%, 87%
XYZ	47.5569, 62.4386, 30.6637
YIQ	196.8720, 1.7950, -38.0530

Conversions

Conversions Part 2

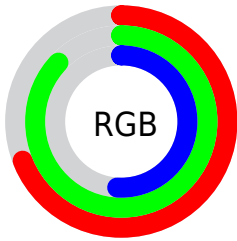
Format	Color
RYB	130, 221, 176
Decimal	11525506
CIELab	83.15, -30.41, 39.85
CIElCh	83, 50.126, 127.351
Yxy	62.4386, 0.3381, 0.4439
Android (android.graphics.Color)	4289715586 (0xFFAFDD82)
YUV	196.8720, -32.9679, -19.1817
Hunter-Lab	79.0181, -30.8519, 32.3046

Details

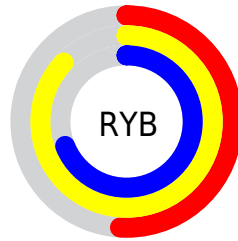
The Yxy color **62.4386, 0.3381, 0.4439** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **30.4242, 0.2751, 0.2148**, and the grayscale version is **55.9516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1365, 0.3395, 0.4026**, and **31.9019, 0.3414, 0.4749** is the 20% darker color. If you saturate the color by 10%, you get **60.6694, 0.3422, 0.4738**, and if you desaturate by 10%, it is **64.4479, 0.3328, 0.4139**.

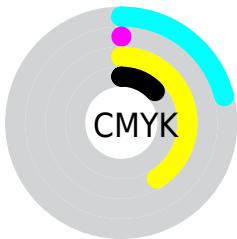
Distribution



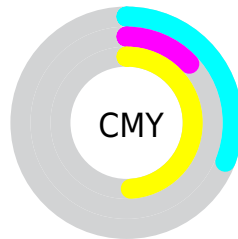
- Red (69%)
- Green (87%)
- Blue (51%)



- Red (51%)
- Yellow (87%)
- Blue (69%)



- Cyan (21%)
- Magenta (0%)
- Yellow (41%)
- Black (13%)




- Cyan (31%)
- Magenta (13%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4386, 0.3381, 0.4439 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 62.4386, 0.3381, 0.4439 by changing the saturation by 10% instead.


 62.4386, 0.3381,
0.4439

 62.4386, 0.3381,
0.4439


433.5292, 0.3281,
0.3869

 45.3872, 0.3397,
0.4577


 108.3592, 0.3351,
0.4234

 31.7625, 0.3413,
0.4751


 137.9971, 0.3338,
0.4157

 21.1802, 0.3425,
0.4976


 172.5994, 0.3326,
0.4091

 13.2558, 0.3425,
0.5276

212.5504, 0.3315,
0.4034

 7.6049, 0.3395,
0.5685

258.2344, 0.3306,
0.3985

 3.8432, 0.3434,
0.6559

310.0360, 0.3297,

 1.5862, 0.2878,

0.3941

0.7122

368.3394, 0.3289,
0.3903

0.3483, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.4386, 0.3381,
0.4439

62.4386, 0.3381,
0.4439

60.6694, 0.3422,
0.4738

64.4479, 0.3328,
0.4139

59.1214, 0.3447,
0.5021


66.6992, 0.3267,
0.3847


57.7853, 0.3452,
0.5273

69.2044, 0.3201,
0.3572

56.6479, 0.3435,
0.5480

71.9725, 0.3135,
0.3319


 55.6935, 0.3397,
0.5631

 75.0118, 0.3069,
0.3087

 54.9824, 0.3350,
0.5722

 77.8302, 0.3054,
0.2951

 79.8712, 0.3131,
0.2959

 80.2011, 0.3143,
0.2960

Harmonies

Analogous

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



62.4386, 0.3955, 0.4354



62.4386, 0.3381, 0.4439



62.4386, 0.2769, 0.4108

Triad

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



62.4386, 0.3381, 0.4439



62.4386, 0.2037, 0.2462



62.4386, 0.4015, 0.3037

Complementary

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



62.4386, 0.3381, 0.4439



30.4242, 0.2751, 0.2148

Split Complementary

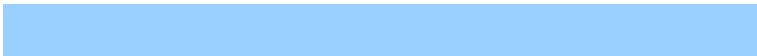
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.4386, 0.3409, 0.2635



62.4386, 0.3381, 0.4439



62.4386, 0.2292, 0.2306

Square

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



62.4386, 0.3381, 0.4439



62.4386, 0.2032, 0.2867



62.4386, 0.2775, 0.2375



62.4386, 0.4362, 0.3513

Rectangle

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



62.4386, 0.3381, 0.4439



62.4386, 0.2423, 0.3705



62.4386, 0.2775, 0.2375



62.4386, 0.3831, 0.2891

Sweetspot

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



62.4413, 0.3381, 0.4439



95.3637, 0.3207, 0.3597



47.8444, 0.3946, 0.3831



20.3107, 0.3216, 0.3632



0.0000, 0.0000, 0.0000



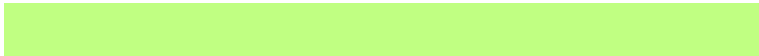
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4413, 0.3381, 0.4439



84.3085, 0.3416, 0.4685



58.0787, 0.3068, 0.4557



14.9204, 0.3190, 0.3526



32.0022, 0.3361, 0.5713



2.1245, 0.3486, 0.5614

Inverse Universe

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



30.4242, 0.2751, 0.2148



34.5739, 0.2652, 0.1906



36.5613, 0.3174, 0.2282



12.9394, 0.3060, 0.3054



5.0956, 0.2040, 0.0897



0.3814, 0.2216, 0.0995

Previews

White Background



This preview shows how the Yxy color 62.4386, 0.3381, 0.4439 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 62.4386, 0.3381, 0.4439 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 62.4386, 0.3381, 0.4439

Background



This preview shows how black text looks on a background with the Yxy color 62.4386, 0.3381, 0.4439.



This preview shows how white text looks on a background with the Yxy color 62.4386, 0.3381, 0.4439.

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

62.4386, 0.3381, 0.4439

Protanopia

62.2751, 0.3876, 0.4206

Deuteranopia

61.6382, 0.4037, 0.3946



Tritanopia

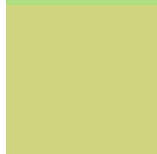
62.4030, 0.2872, 0.3103

Trichromacy



Original Color

62.4386, 0.3381, 0.4439



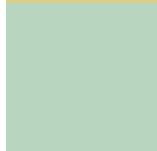
Protanomaly

61.8847, 0.3682, 0.4291



Deuteranomaly

61.2082, 0.3782, 0.4125



Tritanomaly

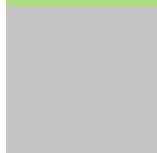
62.0451, 0.3063, 0.3571

Monochromacy



Original Color

62.4386, 0.3381, 0.4439



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.9786, 0.3230, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4386, 0.3381, 0.4439 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(175, 221, 130)` looks like.

```
.text, #text, p{  
    color:rgb(175, 221, 130)  
}
```

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(175, 221, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 221, 130) }
```

Border

The CSS property to change the border of an element to Yxy 62.4386, 0.3381, 0.4439 is called "border". The border property can be set on classes, ids or directly on the HTML element.

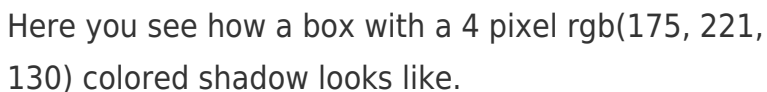
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 221, 130) }
```

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

```
.border{ border-color:rgb(175, 221, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 221, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 221, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 221, 130); box-shadow:4px 4px 4px 4px rgb(175, 221, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4386, 0.3381, 0.4439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 221, 130) }
```

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

```
.background{ background-color: rgb(175,  
221, 130) }
```

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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