

Converting Colors

Yxy(58.6741, 0.3264, 0.4359)

Have a look what the booklet for
Yxy(58.6741, 0.3264, 0.4359)
contains.

Yxy(58.5424, 0.3264, 0.4360)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.5424, 0.3264, 0.4360)

Conversions

Conversions Part 1

Format	Color
Hex	A2D887
RGB	162, 216, 135
RGB Percent	64%, 85%, 53%
CMY	0.3648, 0.1529, 0.4707
CMYK	0.25, 0.00, 0.38, 0.15
HSL	100°, 51%, 69%
HSV	100°, 38%, 85%
XYZ	43.8262, 58.5424, 31.9029
YIQ	190.6200, -6.1830, -36.6390

Conversions

Conversions Part 2

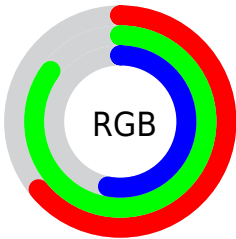
Format	Color
RYB	135, 216, 189
Decimal	10672263
CIELab	81.04, -31.99, 34.47
CIElCh	81, 47.031, 132.865
Yxy	58.5424, 0.3264, 0.4360
Android (android.graphics.Color)	4288862343 (0xFFA2D887)
YUV	190.6200, -27.4207, -25.0997
Hunter-Lab	76.5130, -31.6539, 28.8375

Details

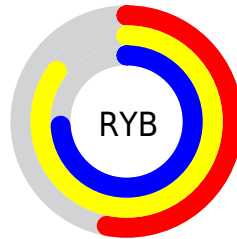
The Yxy color **58.5424, 0.3264, 0.4360** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **33.0990, 0.2914, 0.2294**, and the grayscale version is **52.0320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0995, 0.3274, 0.3994**, and **29.3180, 0.3268, 0.4668** is the 20% darker color. If you saturate the color by 10%, you get **56.5744, 0.3285, 0.4682**, and if you desaturate by 10%, it is **60.8116, 0.3234, 0.4046**.

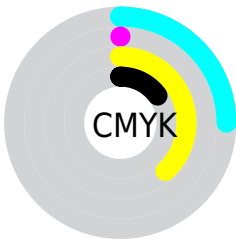
Distribution



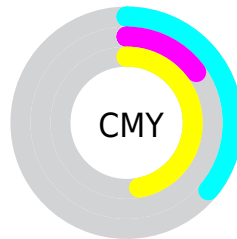
- Red (64%)
- Green (85%)
- Blue (53%)



- Red (53%)
- Yellow (85%)
- Blue (74%)



- Cyan (25%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)





- Cyan (36%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.5424, 0.3264, 0.4360 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 58.5424, 0.3264, 0.4360 by changing the saturation by 10% instead.


 58.5424, 0.3264,
0.4360

 58.5424, 0.3264,
0.4360


419.2040, 0.3216,
0.3821


 42.2449, 0.3269,
0.4494


 102.7123, 0.3251,
0.4164

 29.2931, 0.3272,
0.4665

 131.3534, 0.3245,
0.4090

 19.3026, 0.3269,
0.4891


 164.8779, 0.3239,
0.4028

 11.8892, 0.3252,
0.5198

203.6701, 0.3234,
0.3975

 6.6682, 0.3199,
0.5635

248.1144, 0.3229,
0.3928

 3.2555, 0.3187,
0.6559

298.5953, 0.3224,

 1.2665, 0.2311,

0.3888

0.7689

355.4970, 0.3220,
0.3852

■ 0.1151, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5424, 0.3264,
0.4360

■ 58.5424, 0.3264,
0.4360

■ 56.5744, 0.3285,
0.4682

■ 60.8116, 0.3234,
0.4046

■ 54.8867, 0.3294,
0.4997


■ 63.3868, 0.3197,
0.3750

■ 53.4674, 0.3288,
0.5288

■ 66.2822, 0.3158,
0.3478

■ 52.3005, 0.3266,
0.5535


■ 69.5088, 0.3117,
0.3231

 51.3680, 0.3227,
0.5723

 73.0771, 0.3076,
0.3011

 50.6474, 0.3177,
0.5844

 76.3642, 0.3099,
0.2905

 50.4939, 0.3165,
0.5869

 77.5960, 0.3145,
0.2910

Harmonies

Analogous

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



58.5424, 0.3834, 0.4353



58.5424, 0.3264, 0.4360



58.5424, 0.2686, 0.3975

Triad

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



58.5424, 0.3264, 0.4360



58.5424, 0.2105, 0.2450



58.5424, 0.4064, 0.3129

Complementary

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



58.5424, 0.3264, 0.4360



33.0990, 0.2914, 0.2294

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.



58.5424, 0.3514, 0.2722



58.5424, 0.3264, 0.4360



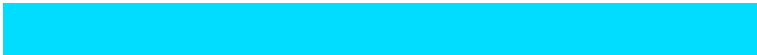
58.5424, 0.2394, 0.2339

Square

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



58.5424, 0.3264, 0.4360



58.5424, 0.2054, 0.2797



58.5424, 0.2895, 0.2442



58.5424, 0.4334, 0.3595

Rectangle

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



58.5424, 0.3264, 0.4360



58.5424, 0.2374, 0.3571



58.5424, 0.2895, 0.2442



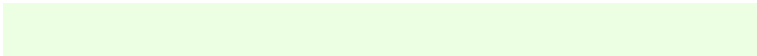
58.5424, 0.3903, 0.2984

Sweetspot

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



58.5449, 0.3264, 0.4360



94.9476, 0.3172, 0.3572



52.1651, 0.3802, 0.3920



20.1982, 0.3178, 0.3609



0.0000, 0.0000, 0.0000



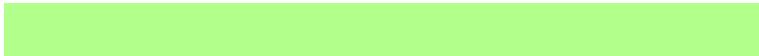
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5449, 0.3264, 0.4360



82.9451, 0.3282, 0.4615



56.3760, 0.3002, 0.4250



14.0950, 0.3165, 0.3527



29.9376, 0.3175, 0.5861



1.8503, 0.3311, 0.5753

Inverse Universe

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



33.0990, 0.2914, 0.2294



40.7627, 0.2853, 0.2077



36.2749, 0.3286, 0.2491



12.4157, 0.3085, 0.3056



6.5053, 0.2388, 0.1089



0.4368, 0.2533, 0.1169

Previews

White Background



This preview shows how the Yxy color 58.5424, 0.3264, 0.4360 looks on a white background.

Color Contrast Check

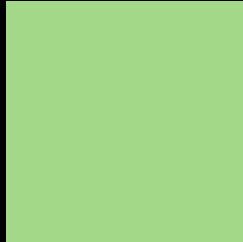
Large Text (above 18pt) WCAG AA × Fail

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 58.5424, 0.3264, 0.4360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

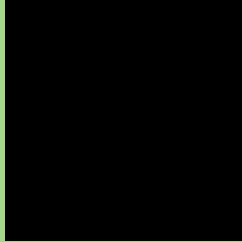
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.5424, 0.3264, 0.4360

Background



This preview shows how black text looks on a background with the Yxy color 58.5424, 0.3264, 0.4360.



This preview shows how white text looks on a background with the Yxy color 58.5424, 0.3264, 0.4360.

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

58.5424, 0.3264, 0.4360

Protanopia

58.2637, 0.3807, 0.4126

Deuteranopia

57.9434, 0.3945, 0.3863



Tritanopia

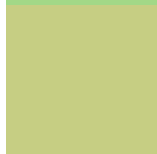
58.1667, 0.2805, 0.3084

Trichromacy



Original Color

58.5424, 0.3264, 0.4360



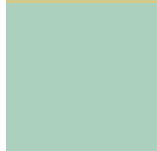
Protanomaly

57.7871, 0.3603, 0.4210



Deuteranomaly

57.4572, 0.3681, 0.4041



Tritanomaly

57.9766, 0.2978, 0.3531

Monochromacy



Original Color

58.5424, 0.3264, 0.4360



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

53.9521, 0.3180, 0.3664

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5424, 0.3264, 0.4360 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(162, 216, 135)` looks like.

```
.text, #text, p{  
    color:rgb(162, 216, 135)  
}
```

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(162, 216, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 216, 135) }
```

Border

The CSS property to change the border of an element to Yxy 58.5424, 0.3264, 0.4360 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(162, 216, 135) }
```

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

```
.border{ border-color:rgb(162, 216, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 216, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 216, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 216, 135); box-shadow:4px 4px 4px 4px rgb(162, 216, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5424, 0.3264, 0.4360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 216, 135) }
```

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

```
.background{ background-color: rgb(162,  
216, 135) }
```

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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