

Converting Colors

$Yxy(50.1237, 0.3278, 0.3954)$

Have a look what the booklet for
Yxy(50.1237, 0.3278, 0.3954)
contains.

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Color

Yxy(50.1325, 0.3279, 0.3954)

Conversions

Conversions Part 1

Format	Color
Hex	AAC493
RGB	170, 196, 147
RGB Percent	67%, 77%, 58%
CMY	0.3335, 0.2313, 0.4236
CMYK	0.13, 0.00, 0.25, 0.23
HSL	92°, 29%, 67%
HSV	92°, 25%, 77%
XYZ	41.5742, 50.1325, 35.0826
YIQ	182.6400, 0.2330, -20.7510

Conversions

Conversions Part 2

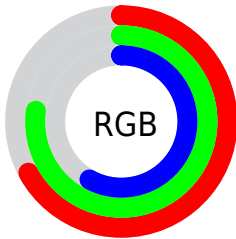
Format	Color
RYB	147, 196, 173
Decimal	11191443
CIELab	76.15, -17.65, 21.77
CIElCh	76, 28.027, 129.041
Yxy	50.1325, 0.3279, 0.3954
Android (android.graphics.Color)	4289381523 (0xFFAAC493)
YUV	182.6400, -17.5705, -11.0853
Hunter-Lab	70.8043, -19.0976, 20.1856

Details

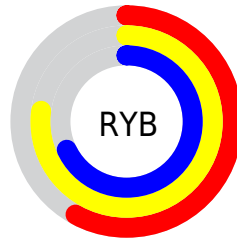
The Yxy color **50.1325, 0.3279, 0.3954** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.7404, 0.2938, 0.2633**, and the grayscale version is **47.2399, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6364, 0.3259, 0.3835**, and **23.9724, 0.3309, 0.4149** is the 20% darker color. If you saturate the color by 10%, you get **48.4553, 0.3333, 0.4250**, and if you desaturate by 10%, it is **52.0110, 0.3220, 0.3673**.

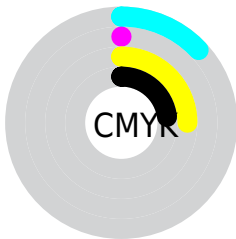
Distribution



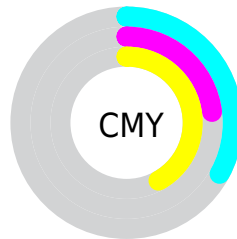
- Red (67%)
- Green (77%)
- Blue (58%)



- Red (58%)
- Yellow (77%)
- Blue (68%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (23%)





- Cyan (33%)
- Magenta (23%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1325, 0.3279, 0.3954 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 50.1325, 0.3279, 0.3954 by changing the saturation by 10% instead.

 50.1325, 0.3279,
0.3954


 50.1325, 0.3279,
0.3954


387.1839, 0.3210,
0.3616

 35.5187, 0.3294,
0.4040


 90.3712, 0.3256,
0.3830

 24.0627, 0.3311,
0.4151


 116.7648, 0.3247,
0.3784

 15.3801, 0.3331,
0.4300


147.8538, 0.3238,
0.3745

 9.0866, 0.3353,
0.4509

184.0227, 0.3231,
0.3711

 4.7977, 0.3373,
0.4822

225.6557, 0.3225,
0.3683

 2.1291, 0.3449,
0.5461

273.1373, 0.3220,

 0.6809, 0.2410,

0.3658

0.7590

326.8519, 0.3215,
0.3636

0.0000, 0.0000,
0.0000

50.1325, 0.3279,
0.3954

50.1325, 0.3279,
0.3954

48.4553, 0.3333,
0.4250

52.0110, 0.3220,
0.3673

46.9655, 0.3378,
0.4552

54.0912, 0.3158,
0.3412

45.6572, 0.3410,
0.4849

56.3820, 0.3097,
0.3174

44.5218, 0.3425,
0.5126


58.8897, 0.3037,
0.2959


43.5497, 0.3419,
0.5367


61.6202, 0.2979,
0.2766

 42.7302, 0.3393,
0.5559


 63.9456, 0.2988,
0.2683

 42.0504, 0.3347,
0.5692

 65.7469, 0.3065,
0.2696

 41.7529, 0.3321,
0.5745

 67.6534, 0.3142,
0.2710

 67.9685, 0.3154,
0.2713

Harmonies

Analogous

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



50.1325, 0.3630, 0.3949



50.1325, 0.3279, 0.3954



50.1325, 0.2901, 0.3745

Triad

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



50.1325, 0.3279, 0.3954



50.1325, 0.2445, 0.2777



50.1325, 0.3677, 0.3160

Complementary

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



50.1325, 0.3279, 0.3954



33.7404, 0.2938, 0.2633

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.



50.1325, 0.3327, 0.2891



50.1325, 0.3279, 0.3954



50.1325, 0.2623, 0.2670

Square

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



50.1325, 0.3279, 0.3954



50.1325, 0.2435, 0.3034



50.1325, 0.2940, 0.2715



50.1325, 0.3873, 0.3472

Rectangle

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



50.1325, 0.3279, 0.3954



50.1325, 0.2685, 0.3518



50.1325, 0.2940, 0.2715



50.1325, 0.3572, 0.3063

Sweetspot

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



50.1347, 0.3279, 0.3954



96.7554, 0.3177, 0.3491



43.4714, 0.3569, 0.3621



20.5850, 0.3187, 0.3531



0.0000, 0.0000, 0.0000



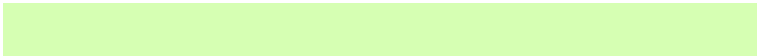
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1347, 0.3279, 0.3954



89.0991, 0.3309, 0.4114



47.8221, 0.3088, 0.3981



11.4848, 0.3185, 0.3523



26.8725, 0.3331, 0.5737



1.2021, 0.3509, 0.5596

Inverse Universe

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



33.7404, 0.2938, 0.2633



54.3479, 0.2886, 0.2477



36.5507, 0.3164, 0.2684



10.0057, 0.3065, 0.3058



4.5121, 0.2097, 0.0929



0.2357, 0.2336, 0.1060

Previews

White Background



This preview shows how the Yxy color 50.1325, 0.3279, 0.3954 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 50.1325, 0.3279, 0.3954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

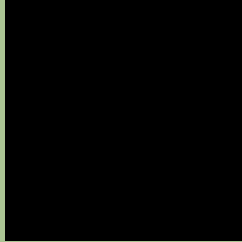
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1325, 0.3279, 0.3954

Background



This preview shows how black text looks on a background with the Yxy color 50.1325, 0.3279, 0.3954.



This preview shows how white text looks on a background with the Yxy color 50.1325, 0.3279, 0.3954.

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

50.1325, 0.3279, 0.3954

Protanopia

49.8032, 0.3594, 0.3846

Deuteranopia

49.7500, 0.3723, 0.3651



Tritanopia

50.2198, 0.2930, 0.3100

Trichromacy



Original Color

50.1325, 0.3279, 0.3954

Protanomaly

49.6593, 0.3479, 0.3888

Deuteranomaly

49.7052, 0.3557, 0.3756

Tritanomaly

50.2321, 0.3057, 0.3407

Monochromacy



Original Color

50.1325, 0.3279, 0.3954

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.3337, 0.3183, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1325, 0.3279, 0.3954 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(170, 196, 147)` looks like.

```
.text, #text, p{  
    color:rgb(170, 196, 147)  
}
```

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(170, 196, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 196, 147) }
```

Border

The CSS property to change the border of an element to Yxy 50.1325, 0.3279, 0.3954 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(170, 196, 147) }
```

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

```
.border{ border-color:rgb(170, 196, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 196, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 196, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 196, 147);  
box-shadow:4px 4px 4px 4px rgb(170, 196,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1325, 0.3279, 0.3954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 196, 147) }
```

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

```
.background{ background-color: rgb(170,  
196, 147) }
```

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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