

Converting Colors

Yxy(56.0634, 0.3089, 0.4272)

Have a look what the booklet for
Yxy(56.0634, 0.3089, 0.4272)
contains.

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Color

Yxy(56.0056, 0.3088, 0.4270)

Conversions

Conversions Part 1

Format	Color
Hex	90D68F
RGB	144, 214, 143
RGB Percent	56%, 84%, 56%
CMY	0.4354, 0.1607, 0.4393
CMYK	0.33, 0.00, 0.33, 0.16
HSL	119°, 46%, 70%
HSV	119°, 33%, 84%
XYZ	40.5024, 56.0056, 34.6526
YIQ	184.9760, -18.9290, -36.9210

Conversions

Conversions Part 2

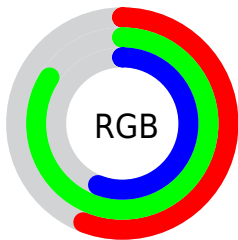
Format	Color
RYB	143, 214, 213
Decimal	9492111
CIELab	79.62, -35.89, 28.31
CIELCh	80, 45.707, 141.732
Yxy	56.0056, 0.3088, 0.4270
Android (android.graphics.Color)	4287682191 (0xFF90D68F)
YUV	184.9760, -20.6942, -35.9360
Hunter-Lab	74.8369, -34.3587, 24.9320

Details

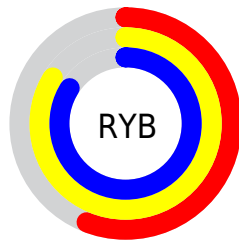
The Yxy color **56.0056, 0.3088, 0.4270** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.6406, 0.3156, 0.2469**, and the grayscale version is **48.6250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8306, 0.3115, 0.3928**, and **27.7426, 0.3051, 0.4564** is the 20% darker color. If you saturate the color by 10%, you get **53.6948, 0.3073, 0.4623**, and if you desaturate by 10%, it is **58.7998, 0.3102, 0.3938**.

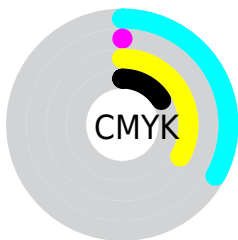
Distribution



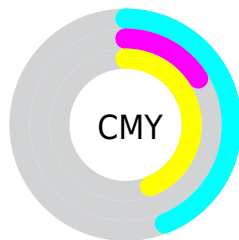
- Red (56%)
- Green (84%)
- Blue (56%)



- Red (56%)
- Yellow (84%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0056, 0.3088, 0.4270 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 56.0056, 0.3088, 0.4270 by changing the saturation by 10% instead.


 56.0056, 0.3088,
0.4270


 56.0056, 0.3088,
0.4270


409.7126, 0.3122,
0.3769

 40.2074, 0.3075,
0.4397


 99.0128, 0.3104,
0.4086

 27.7003, 0.3055,
0.4562


 126.9905, 0.3109,
0.4018

 18.0999, 0.3025,
0.4781


159.7970, 0.3112,
0.3960

 11.0217, 0.2973,
0.5088

197.8164, 0.3115,
0.3911

 6.0814, 0.2877,
0.5541

241.4333, 0.3117,
0.3868

 2.8947, 0.2740,
0.6407

291.0321, 0.3119,


 1.0770, 0.1120,

0.3831

0.8880

346.9970, 0.3121,
0.3798


 0.0000, 0.0000,
0.0000


 56.0056, 0.3088,
0.4270

 56.0056, 0.3088,
0.4270


 53.6948, 0.3073,
0.4623


 58.7998, 0.3102,
0.3938


 51.8335, 0.3057,
0.4980


 62.0951, 0.3114,
0.3636

 50.3945, 0.3041,
0.5317

 65.9169, 0.3124,
0.3368

 49.3448, 0.3026,
0.5606

 70.2870, 0.3133,
0.3135

 48.6464, 0.3014,
0.5822

 75.2256, 0.3140,
0.2933

■ 48.2538, 0.3005,
0.5951

■ 76.5776, 0.3146,
0.2891

■ 48.1172, 0.3003,
0.5998

Harmonies

Analogous

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



56.0056, 0.3670, 0.4379



56.0056, 0.3088, 0.4270



56.0056, 0.2546, 0.3796

Triad

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



56.0056, 0.3088, 0.4270



56.0056, 0.2178, 0.2404



56.0056, 0.4165, 0.3266

Complementary

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



56.0056, 0.3088, 0.4270



38.6406, 0.3156, 0.2469

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.



56.0056, 0.3687, 0.2838



56.0056, 0.3088, 0.4270



56.0056, 0.2531, 0.2360

Square

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



56.0056, 0.3088, 0.4270



56.0056, 0.2056, 0.2678



56.0056, 0.3074, 0.2517



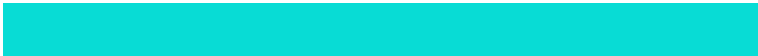
56.0056, 0.4326, 0.3729

Rectangle

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



56.0056, 0.3088, 0.4270



56.0056, 0.2277, 0.3382



56.0056, 0.3074, 0.2517



56.0056, 0.4034, 0.3115

Sweetspot

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



56.0080, 0.3088, 0.4270



94.0051, 0.3117, 0.3549



63.7805, 0.3629, 0.4101



19.9547, 0.3116, 0.3589



0.0000, 0.0000, 0.0000



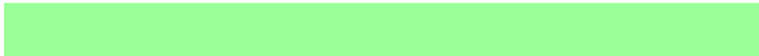
21.4041, 0.3127, 0.3290

Same Dimension

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



56.0080, 0.3088, 0.4270



80.7335, 0.3077, 0.4523



57.1220, 0.2871, 0.3784



13.9043, 0.3118, 0.3531



29.0848, 0.3003, 0.5997



1.7573, 0.3014, 0.5989

Inverse Universe

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



38.6406, 0.3156, 0.2469



50.9897, 0.3162, 0.2298



37.2181, 0.3500, 0.2846



12.6233, 0.3136, 0.3060



11.3069, 0.3174, 0.1522



0.6849, 0.3181, 0.1526

Previews

White Background



This preview shows how the Yxy color 56.0056, 0.3088, 0.4270 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 56.0056, 0.3088, 0.4270 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 56.0056, 0.3088, 0.4270

Background



This preview shows how black text looks on a background with the Yxy color 56.0056, 0.3088, 0.4270.



This preview shows how white text looks on a background with the Yxy color 56.0056, 0.3088, 0.4270.

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

56.0056, 0.3088, 0.4270

Protanopia

55.2262, 0.3732, 0.4020

Deuteranopia

55.1253, 0.3819, 0.3735



Tritanopia

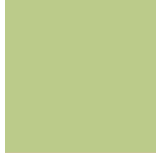
55.6753, 0.2693, 0.3076

Trichromacy



Original Color

56.0056, 0.3088, 0.4270



Protanomaly

55.1116, 0.3471, 0.4119



Deuteranomaly

54.1812, 0.3524, 0.3913



Tritanomaly

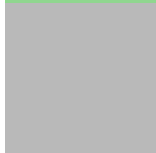
55.7343, 0.2835, 0.3486

Monochromacy



Original Color

56.0056, 0.3088, 0.4270



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.9282, 0.3111, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0056, 0.3088, 0.4270 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(144, 214, 143)` looks like.

```
.text, #text, p{  
    color:rgb(144, 214, 143)  
}
```

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(144, 214, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 214, 143) }
```

Border

The CSS property to change the border of an element to Yxy 56.0056, 0.3088, 0.4270 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(144, 214, 143) }
```

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

```
.border{ border-color:rgb(144, 214, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 214, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 214, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 214, 143);  
box-shadow:4px 4px 4px 4px rgb(144, 214,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0056, 0.3088, 0.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 214, 143) }
```

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

```
.background{ background-color: rgb(144,  
214, 143) }
```

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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