

Converting Colors

$Yxy(55.9811, 0.2942, 0.3938)$

Have a look what the booklet for
Yxy(55.9811, 0.2942, 0.3938)
contains.

Yxy(56.1448, 0.2946, 0.3946)	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(56.1448, 0.2946, 0.3946)

Conversions

Conversions Part 1

Format	Color
Hex	8FD5A5
RGB	143, 213, 165
RGB Percent	56%, 84%, 65%
CMY	0.4391, 0.1647, 0.3530
CMYK	0.33, 0.00, 0.23, 0.16
HSL	139°, 45%, 70%
HSV	139°, 33%, 84%
XYZ	41.9165, 56.1448, 44.2215
YIQ	186.5980, -26.3120, -29.7680

Conversions

Conversions Part 2

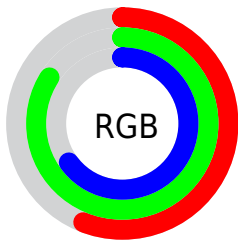
Format	Color
RYB	143, 196, 213
Decimal	9426341
CIELab	79.70, -31.90, 16.88
CIElCh	80, 36.090, 152.110
Yxy	56.1448, 0.2946, 0.3946
Android (android.graphics.Color)	4287616421 (0xFF8FD5A5)
YUV	186.5980, -10.6478, -38.2354
Hunter-Lab	74.9298, -31.2725, 17.4596

Details

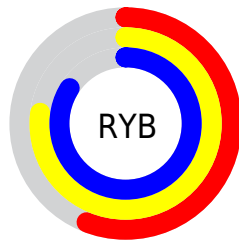
The Yxy color **56.1448, 0.2946, 0.3946** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.5630, 0.3374, 0.2715**, and the grayscale version is **49.5322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6931, 0.2978, 0.3670**, and **27.8196, 0.2890, 0.4139** is the 20% darker color. If you saturate the color by 10%, you get **53.9206, 0.2900, 0.4190**, and if you desaturate by 10%, it is **58.7954, 0.2998, 0.3721**.

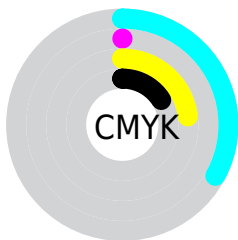
Distribution



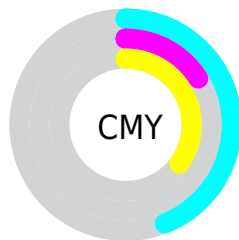
- Red (56%)
- Green (84%)
- Blue (65%)



- Red (56%)
- Yellow (77%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (44%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1448, 0.2946, 0.3946 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 56.1448, 0.2946, 0.3946 by changing the saturation by 10% instead.

 56.1448, 0.2946,
0.3946

 56.1448, 0.2946,
0.3946


410.2370, 0.3041,
0.3614

 40.3190, 0.2921,
0.4030


 99.2163, 0.2981,
0.3825

 27.7874, 0.2889,
0.4138


 127.2307, 0.2994,
0.3779

 18.1654, 0.2844,
0.4283


160.0769, 0.3005,
0.3741

 11.0688, 0.2780,
0.4486

198.1392, 0.3014,
0.3708

 6.1132, 0.2680,
0.4790

241.8019, 0.3022,
0.3680

 2.9140, 0.2505,
0.5292

291.4495, 0.3029,

 1.0870, 0.1818,

0.3655

0.8182

347.4664, 0.3035,
0.3634

0.0000, 0.0000,
0.0000

56.1448, 0.2946,
0.3946

56.1448, 0.2946,
0.3946

53.9206, 0.2900,
0.4190

58.7954, 0.2998,
0.3721

52.0933, 0.2863,
0.4448

61.8862, 0.3054,
0.3519

50.6405, 0.2838,
0.4714


65.4390, 0.3111,
0.3338


49.5348, 0.2829,
0.4976


69.4719, 0.3167,
0.3178


48.7446, 0.2836,
0.5223

74.0023, 0.3222,
0.3038

 48.2322, 0.2860,
0.5442

 75.9197, 0.3162,
0.2902

 47.9921, 0.2883,
0.5578

 76.0685, 0.3146,
0.2881

Harmonies

Analogous

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



56.1448, 0.3415, 0.4145



56.1448, 0.2946, 0.3946



56.1448, 0.2545, 0.3524

Triad

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



56.1448, 0.2946, 0.3946



56.1448, 0.2442, 0.2545



56.1448, 0.4021, 0.3414

Complementary

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



56.1448, 0.2946, 0.3946



37.5630, 0.3374, 0.2715

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.



56.1448, 0.3721, 0.3044



56.1448, 0.2946, 0.3946



56.1448, 0.2791, 0.2563

Square

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



56.1448, 0.2946, 0.3946



56.1448, 0.2273, 0.2711



56.1448, 0.3259, 0.2742



56.1448, 0.4055, 0.3783

Rectangle

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



56.1448, 0.2946, 0.3946



56.1448, 0.2365, 0.3207



56.1448, 0.3259, 0.2742



56.1448, 0.3947, 0.3287

Sweetspot

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



56.1471, 0.2946, 0.3946



94.4044, 0.3070, 0.3467



60.7801, 0.3450, 0.4153



20.0505, 0.3062, 0.3493



0.0000, 0.0000, 0.0000



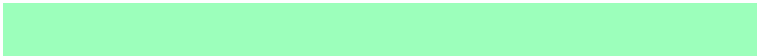
21.4041, 0.3127, 0.3290

Same Dimension

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



56.1471, 0.2946, 0.3946



82.1211, 0.2915, 0.4104



57.5545, 0.2741, 0.3473



13.9596, 0.3073, 0.3454



29.3321, 0.2876, 0.5552



1.7840, 0.2777, 0.5196

Inverse Universe

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



37.5630, 0.3374, 0.2715



50.2561, 0.3439, 0.2600



36.2350, 0.3731, 0.3118



12.5632, 0.3185, 0.3131



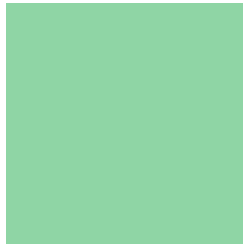
9.9306, 0.4192, 0.2083



0.6136, 0.3981, 0.1967

Previews

White Background



This preview shows how the Yxy color 56.1448, 0.2946, 0.3946 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 56.1448, 0.2946, 0.3946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

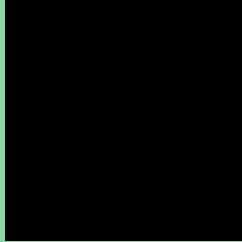
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1448, 0.2946, 0.3946

Background



This preview shows how black text looks on a background with the Yxy color 56.1448, 0.2946, 0.3946.



This preview shows how white text looks on a background with the Yxy color 56.1448, 0.2946, 0.3946.

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

56.1448, 0.2946, 0.3946

Protanopia

55.4695, 0.3535, 0.3762

Deuteranopia

55.3050, 0.3587, 0.3511



Tritanopia

55.9051, 0.2670, 0.3075

Trichromacy



Original Color

56.1448, 0.2946, 0.3946



Protanomaly

55.0934, 0.3298, 0.3827



Deuteranomaly

54.8174, 0.3327, 0.3665



Tritanomaly

55.9081, 0.2773, 0.3380

Monochromacy



Original Color

56.1448, 0.2946, 0.3946



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.3925, 0.3054, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1448, 0.2946, 0.3946 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(143, 213, 165)` looks like.

```
.text, #text, p{  
    color:rgb(143, 213, 165)  
}
```

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(143, 213, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 213, 165) }
```

Border

The CSS property to change the border of an element to Yxy 56.1448, 0.2946, 0.3946 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(143, 213, 165) }
```

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

```
.border{ border-color:rgb(143, 213, 165) }
```

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

Here you see how a box with a 4 pixel rgb(143, 213, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(143, 213,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1448, 0.2946, 0.3946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 213, 165) }
```

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

```
.background{ background-color: rgb(143,  
213, 165) }
```

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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