

Converting Colors

Yxy(56.1385, 0.3397, 0.4144)

Have a look what the booklet for
Yxy(56.1385, 0.3397, 0.4144)
contains.

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Color

Yxy(56.3429, 0.3397, 0.4152)

Conversions

Conversions Part 1

Format	Color
Hex	B5CF8C
RGB	181, 207, 140
RGB Percent	71%, 81%, 55%
CMY	0.2903, 0.1882, 0.4509
CMYK	0.13, 0.00, 0.32, 0.19
HSL	83°, 41%, 68%
HSV	83°, 32%, 81%
XYZ	46.0975, 56.3429, 33.2602
YIQ	191.5880, 6.0110, -26.3490

Conversions

Conversions Part 2

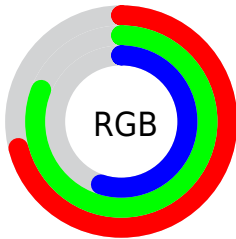
Format	Color
RYB	140, 207, 166
Decimal	11915148
CIELab	79.81, -20.13, 30.49
CIELCh	80, 36.536, 123.428
Yxy	56.3429, 0.3397, 0.4152
Android (android.graphics.Color)	4290105228 (0xFFB5CF8C)
YUV	191.5880, -25.4329, -9.2857
Hunter-Lab	75.0619, -21.7368, 26.2717

Details

The Yxy color **56.3429, 0.3397, 0.4152** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **31.3781, 0.2779, 0.2396**, and the grayscale version is **52.6066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5922, 0.3376, 0.3913**, and **28.0158, 0.3447, 0.4401** is the 20% darker color. If you saturate the color by 10%, you get **54.8463, 0.3469, 0.4437**, and if you desaturate by 10%, it is **58.0155, 0.3317, 0.3870**.

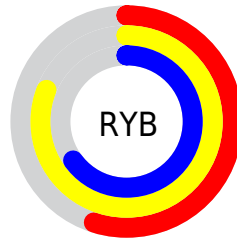
Distribution



Red (71%)

Green (81%)

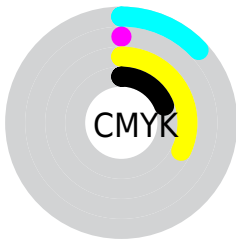
Blue (55%)



Red (55%)

Yellow (81%)

Blue (65%)

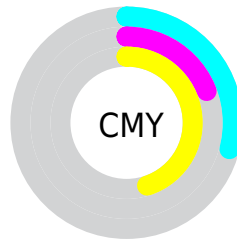


Cyan (13%)

Magenta (0%)

Yellow (32%)

Black (19%)



Cyan (29%)


Magenta (19%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.3429, 0.3397, 0.4152 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 56.3429, 0.3397, 0.4152 by changing the saturation by 10% instead.


 56.3429, 0.3397,
0.4152

 56.3429, 0.3397,
0.4152


410.9825, 0.3277,
0.3721


 40.4779, 0.3422,
0.4258


 99.5058, 0.3357,
0.3996

 27.9114, 0.3451,
0.4393


 127.5724, 0.3341,
0.3937

 18.2589, 0.3483,
0.4571


 160.4751, 0.3327,
0.3888

 11.1360, 0.3519,
0.4811

198.5982, 0.3315,
0.3845

 6.1584, 0.3548,
0.5154

242.3261, 0.3304,
0.3808

 2.9416, 0.3651,
0.5841

292.0431, 0.3294,

 1.1013, 0.3293,

0.3775

0.6707

348.1338, 0.3285,
0.3747

0.0000, 0.0000,
0.0000

56.3429, 0.3397,
0.4152

56.3429, 0.3397,
0.4152

54.8463, 0.3469,
0.4437

58.0155, 0.3317,
0.3870

53.5110, 0.3529,
0.4716

59.8636, 0.3232,
0.3600

52.3312, 0.3570,
0.4974

61.8960, 0.3147,
0.3347


51.2981, 0.3590,
0.5200


64.1189, 0.3064,
0.3113

50.4016, 0.3586,
0.5382


66.5380, 0.2984,
0.2900

 49.6296, 0.3558,
0.5512

 68.5507, 0.2966,
0.2794

 49.1088, 0.3525,
0.5583

 69.9072, 0.3023,
0.2803

 71.3259, 0.3080,
0.2811

 72.8075, 0.3138,
0.2820

Harmonies

Analogous

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



56.3429, 0.3817, 0.4081



56.3429, 0.3397, 0.4152



56.3429, 0.2924, 0.3939

Triad

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



56.3429, 0.3397, 0.4152



56.3429, 0.2268, 0.2693



56.3429, 0.3745, 0.3057

Complementary

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



56.3429, 0.3397, 0.4152



31.3781, 0.2779, 0.2396

Split Complementary

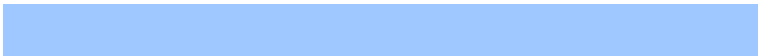
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.3429, 0.3282, 0.2748



56.3429, 0.3397, 0.4152



56.3429, 0.2447, 0.2534

Square

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



56.3429, 0.3397, 0.4152



56.3429, 0.2293, 0.3037



56.3429, 0.2807, 0.2560



56.3429, 0.4039, 0.3431

Rectangle

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



56.3429, 0.3397, 0.4152



56.3429, 0.2642, 0.3664



56.3429, 0.2807, 0.2560



56.3429, 0.3602, 0.2943

Sweetspot

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



56.3454, 0.3397, 0.4152



96.6334, 0.3213, 0.3542



42.3227, 0.3764, 0.3616



20.5875, 0.3225, 0.3579



0.0000, 0.0000, 0.0000



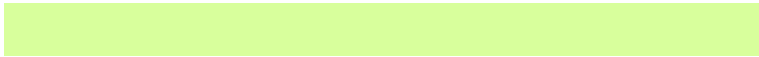
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3454, 0.3397, 0.4152



88.5563, 0.3449, 0.4355



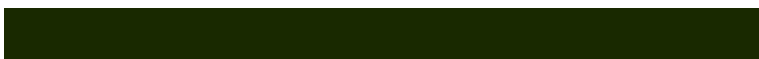
52.8053, 0.3139, 0.4225



13.5587, 0.3207, 0.3524



30.9926, 0.3533, 0.5576



1.7780, 0.3654, 0.5481

Inverse Universe

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



31.3781, 0.2779, 0.2396



42.3430, 0.2681, 0.2177



35.4340, 0.3089, 0.2474



11.6385, 0.3042, 0.3054



3.9766, 0.1833, 0.0784



0.2676, 0.2044, 0.0900

Previews

White Background



This preview shows how the Yxy color 56.3429, 0.3397, 0.4152 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 56.3429, 0.3397, 0.4152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

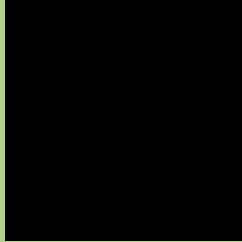
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.3429, 0.3397, 0.4152

Background



This preview shows how black text looks on a background with the Yxy color 56.3429, 0.3397, 0.4152.



This preview shows how white text looks on a background with the Yxy color 56.3429, 0.3397, 0.4152.

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

56.3429, 0.3397, 0.4152

Protanopia

55.8562, 0.3729, 0.4017

Deuteranopia

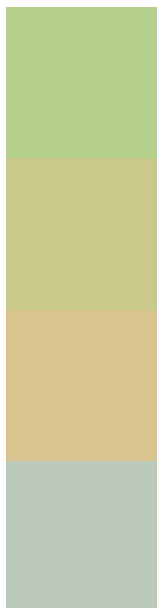
55.9012, 0.3883, 0.3797



Tritanopia

56.2686, 0.2967, 0.3110

Trichromacy



Original Color

56.3429, 0.3397, 0.4152

Protanomaly

55.9969, 0.3603, 0.4077

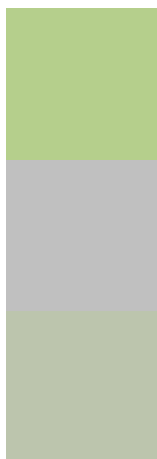
Deuteranomaly

55.9101, 0.3696, 0.3920

Tritanomaly

55.8833, 0.3126, 0.3477

Monochromacy



Original Color

56.3429, 0.3397, 0.4152

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.6410, 0.3233, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3429, 0.3397, 0.4152 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(181, 207, 140)` looks like.

```
.text, #text, p{  
    color:rgb(181, 207, 140)  
}
```

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(181, 207, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 207, 140) }
```

Border

The CSS property to change the border of an element to Yxy 56.3429, 0.3397, 0.4152 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(181, 207, 140) }
```

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

```
.border{ border-color:rgb(181, 207, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 207, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 207, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 207, 140);  
box-shadow:4px 4px 4px 4px rgb(181, 207,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3429, 0.3397, 0.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 207, 140) }
```

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

```
.background{ background-color: rgb(181,  
207, 140) }
```

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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