

Converting Colors

Yxy(56.2442, 0.3046, 0.3662)

Have a look what the booklet for
Yxy(56.2442, 0.3046, 0.3662)
contains.

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Color

Yxy(56.3860, 0.3050, 0.3665)

Conversions

Conversions Part 1

Format	Color
Hex	AACFB2
RGB	170, 207, 178
RGB Percent	67%, 81%, 70%
CMY	0.3334, 0.1882, 0.3019
CMYK	0.18, 0.00, 0.14, 0.19
HSL	133°, 28%, 74%
HSV	133°, 18%, 81%
XYZ	46.9242, 56.3860, 50.5397
YIQ	192.6310, -12.7430, -16.8630

Conversions

Conversions Part 2

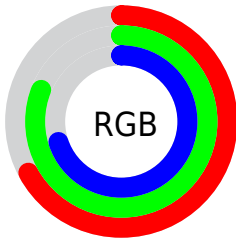
Format	Color
RYB	170, 200, 207
Decimal	11194290
CIELab	79.83, -17.90, 10.38
CIELCh	80, 20.688, 149.898
Yxy	56.3860, 0.3050, 0.3665
Android (android.graphics.Color)	4289384370 (0xFFAACFB2)
YUV	192.6310, -7.2131, -19.8474
Hunter-Lab	75.0906, -19.8637, 12.6583

Details

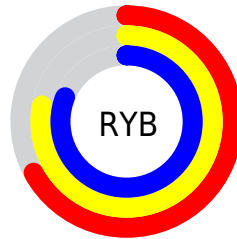
The Yxy color **56.3860, 0.3050, 0.3665** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.1303, 0.3215, 0.2942**, and the grayscale version is **53.1490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6293, 0.3068, 0.3504**, and **28.0450, 0.3027, 0.3784** is the 20% darker color. If you saturate the color by 10%, you get **53.6473, 0.3008, 0.3910**, and if you desaturate by 10%, it is **59.5696, 0.3093, 0.3445**.

Distribution



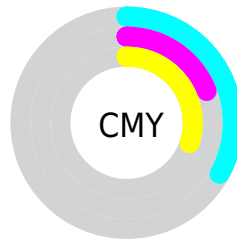
- Red (67%)
- Green (81%)
- Blue (70%)



- Red (67%)
- Yellow (78%)
- Blue (81%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (19%)





- Cyan (33%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.3860, 0.3050, 0.3665 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 56.3860, 0.3050, 0.3665 by changing the saturation by 10% instead.


 56.3860, 0.3050,
0.3665

 56.3860, 0.3050,
0.3665


411.1446, 0.3090,
0.3479

 40.5125, 0.3040,
0.3711


 99.5687, 0.3065,
0.3598

 27.9383, 0.3026,
0.3770


127.6467, 0.3070,
0.3572

 18.2792, 0.3008,
0.3848


160.5617, 0.3075,
0.3551

 11.1506, 0.2983,
0.3957

198.6980, 0.3079,
0.3532

 6.1682, 0.2943,
0.4118

242.4400, 0.3082,
0.3516

 2.9476, 0.2876,
0.4378

292.1722, 0.3085,

 1.1045, 0.2765,

0.3502

0.5108

348.2789, 0.3087,
0.3490

0.0000, 0.0000,
0.0000

56.3860, 0.3050,
0.3665

56.3860, 0.3050,
0.3665

53.6473, 0.3008,
0.3910

59.5696, 0.3093,
0.3445

51.3268, 0.2969,
0.4179

63.2094, 0.3136,
0.3251

49.4056, 0.2936,
0.4467

67.3250, 0.3178,
0.3081

47.8609, 0.2911,
0.4763

71.9329, 0.3217,
0.2933

46.6672, 0.2898,
0.5055

73.1095, 0.3149,
0.2821

■ 45.7960, 0.2897,
0.5327

■ 45.2139, 0.2910,
0.5562

■ 44.8742, 0.2934,
0.5747

■ 44.8186, 0.2939,
0.5781

Harmonies

Analogous

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



56.3860, 0.3322, 0.3770



56.3860, 0.3050, 0.3665



56.3860, 0.2807, 0.3445

Triad

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



56.3860, 0.3050, 0.3665



56.3860, 0.2714, 0.2856



56.3860, 0.3627, 0.3359

Complementary

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



56.3860, 0.3050, 0.3665



46.1303, 0.3215, 0.2942

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.



56.3860, 0.3450, 0.3135



56.3860, 0.3050, 0.3665



56.3860, 0.2919, 0.2852

Square

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



56.3860, 0.3050, 0.3665



56.3860, 0.2619, 0.2974



56.3860, 0.3187, 0.2953



56.3860, 0.3662, 0.3577

Rectangle

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



56.3860, 0.3050, 0.3665



56.3860, 0.2691, 0.3272



56.3860, 0.3187, 0.2953



56.3860, 0.3582, 0.3282

Sweetspot

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



56.3884, 0.3050, 0.3665



97.0352, 0.3105, 0.3388



59.6710, 0.3330, 0.3741



20.6836, 0.3102, 0.3402



0.0000, 0.0000, 0.0000



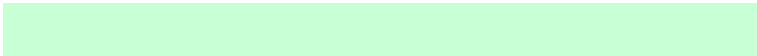
21.4041, 0.3127, 0.3290

Same Dimension

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



56.3884, 0.3050, 0.3665



88.8081, 0.3036, 0.3745



57.1823, 0.2927, 0.3422



13.2477, 0.3087, 0.3477



28.2469, 0.2933, 0.5760



1.5915, 0.2835, 0.5406

Inverse Universe

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



46.1303, 0.3215, 0.2942



69.7369, 0.3234, 0.2874



45.3228, 0.3376, 0.3162



11.9633, 0.3170, 0.3110



10.0170, 0.3843, 0.1891



0.5713, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 56.3860, 0.3050, 0.3665 looks on a white background.

Color Contrast Check

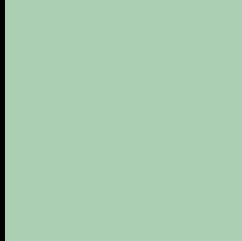
Large Text (above 18pt) WCAG AA × Fail

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 56.3860, 0.3050, 0.3665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

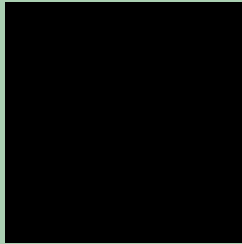
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

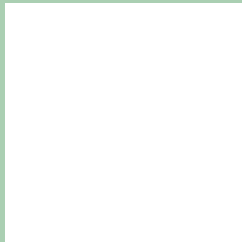
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.3860, 0.3050, 0.3665

Background



This preview shows how black text looks on a background with the Yxy color 56.3860, 0.3050, 0.3665.



This preview shows how white text looks on a background with the Yxy color 56.3860, 0.3050, 0.3665.

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

56.3860, 0.3050, 0.3665

Protanopia

56.2150, 0.3390, 0.3580

Deuteranopia

55.6927, 0.3467, 0.3395



Tritanopia

56.1302, 0.2841, 0.3094

Trichromacy



Original Color

56.3860, 0.3050, 0.3665

Protanomaly

56.3378, 0.3262, 0.3612

Deuteranomaly

55.4717, 0.3305, 0.3485

Tritanomaly

56.0223, 0.2912, 0.3289

Monochromacy



Original Color

56.3860, 0.3050, 0.3665

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3333, 0.3098, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.3860, 0.3050, 0.3665 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, 207, 178)` looks like.

```
.text, #text, p{  
    color:rgb(170, 207, 178)  
}
```

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, 207, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 207, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.3860, 0.3050, 0.3665 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, 207, 178) }
```

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

```
.border{ border-color:rgb(170, 207, 178) }
```

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

Here you see how a box with a 4 pixel rgb(170, 207, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 207, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 207, 178);  
box-shadow:4px 4px 4px 4px rgb(170, 207,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.3860, 0.3050, 0.3665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 207, 178) }
```

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

```
.background{ background-color: rgb(170,  
207, 178) }
```

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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