

Converting Colors

Yxy(56.5646, 0.3128, 0.3755)

Have a look what the booklet for
Yxy(56.5646, 0.3128, 0.3755)
contains.

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Color

Yxy(56.5646, 0.3128, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	AECFAB
RGB	174, 207, 171
RGB Percent	68%, 81%, 67%
CMY	0.3176, 0.1882, 0.3295
CMYK	0.16, 0.00, 0.17, 0.19
HSL	115°, 27%, 74%
HSV	115°, 17%, 81%
XYZ	47.1196, 56.5646, 46.9539
YIQ	193.0290, -8.1120, -18.1920

Conversions

Conversions Part 2

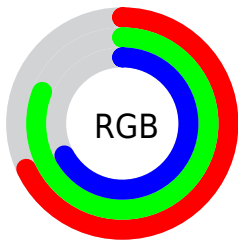
Format	Color
RYB	171, 207, 204
Decimal	11456427
CIELab	79.93, -17.79, 14.30
CIELCh	80, 22.824, 141.196
Yxy	56.5646, 0.3128, 0.3755
Android (android.graphics.Color)	4289646507 (0xFFAECFAB)
YUV	193.0290, -10.8603, -16.6884
Hunter-Lab	75.2094, -19.7842, 15.6314

Details

The Yxy color **56.5646, 0.3128, 0.3755** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.4588, 0.3121, 0.2859**, and the grayscale version is **53.4167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8340, 0.3138, 0.3586**, and **28.1793, 0.3119, 0.3888** is the 20% darker color. If you saturate the color by 10%, you get **53.8122, 0.3125, 0.4066**, and if you desaturate by 10%, it is **59.7529, 0.3128, 0.3476**.

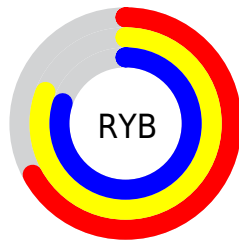
Distribution



Red (68%)

Green (81%)

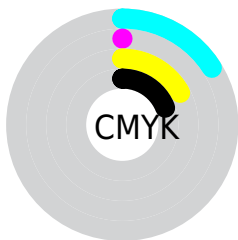
Blue (67%)



Red (67%)

Yellow (81%)

Blue (80%)

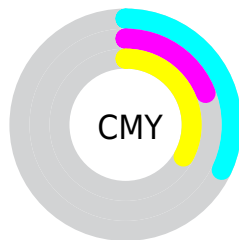


Cyan (16%)

Magenta (0%)

Yellow (17%)

Black (19%)



Cyan (32%)


Magenta (19%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5646, 0.3128, 0.3755 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 56.5646, 0.3128, 0.3755 by changing the saturation by 10% instead.


 56.5646, 0.3128,
0.3755

 56.5646, 0.3128,
0.3755


411.8158, 0.3131,
0.3524

 40.6558, 0.3126,
0.3812


 99.8296, 0.3130,
0.3671

 28.0502, 0.3124,
0.3886


127.9546, 0.3130,
0.3640

 18.3635, 0.3119,
0.3984


160.9204, 0.3131,
0.3613

 11.2113, 0.3111,
0.4119

199.1114, 0.3131,
0.3590

 6.2091, 0.3095,
0.4318

242.9121, 0.3131,
0.3570

 2.9727, 0.3059,
0.4641

292.7068, 0.3131,


 1.1175, 0.3173,


0.3553

0.5802


348.8799, 0.3131,
0.3537


 0.0000, 0.0000,
0.0000

 56.5646, 0.3128,
0.3755


 56.5646, 0.3128,
0.3755


 53.8122, 0.3125,
0.4066


 59.7529, 0.3128,
0.3476

 51.4698, 0.3120,
0.4401


 63.3872, 0.3127,
0.3229


 49.5199, 0.3111,
0.4751

 67.4863, 0.3124,
0.3014

 47.9411, 0.3098,
0.5096

 72.0660, 0.3120,
0.2827

 46.7097, 0.3081,
0.5413

 73.1073, 0.3149,
0.2821

■ 45.7993, 0.3061,
0.5675

■ 45.1797, 0.3040,
0.5862

■ 44.8134, 0.3020,
0.5967

■ 44.7502, 0.3017,
0.5987

Harmonies

Analogous

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



56.5646, 0.3421, 0.3824



56.5646, 0.3128, 0.3755



56.5646, 0.2844, 0.3540

Triad

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



56.5646, 0.3128, 0.3755



56.5646, 0.2629, 0.2837



56.5646, 0.3636, 0.3291

Complementary

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



56.5646, 0.3128, 0.3755



46.4588, 0.3121, 0.2859

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.



56.5646, 0.3405, 0.3054



56.5646, 0.3128, 0.3755



56.5646, 0.2822, 0.2798

Square

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



56.5646, 0.3128, 0.3755



56.5646, 0.2565, 0.2999



56.5646, 0.3104, 0.2878



56.5646, 0.3724, 0.3538

Rectangle

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



56.5646, 0.3128, 0.3755



56.5646, 0.2696, 0.3352



56.5646, 0.3104, 0.2878



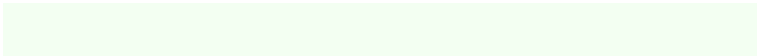
56.5646, 0.3572, 0.3208

Sweetspot

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



56.5670, 0.3128, 0.3755



97.0579, 0.3128, 0.3415



59.1073, 0.3394, 0.3678



20.6891, 0.3128, 0.3433



0.0000, 0.0000, 0.0000



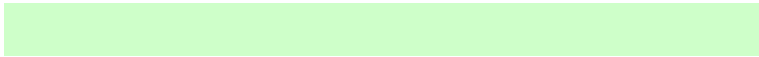
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5670, 0.3128, 0.3755



88.8732, 0.3127, 0.3871



56.8028, 0.3008, 0.3567



13.2531, 0.3128, 0.3529



28.2107, 0.3021, 0.5984



1.5942, 0.3085, 0.5933

Inverse Universe

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



46.4588, 0.3121, 0.2859



69.6195, 0.3119, 0.2761



46.2179, 0.3268, 0.3029



11.9564, 0.3125, 0.3060



9.7232, 0.3000, 0.1426



0.5589, 0.3041, 0.1449

Previews

White Background



This preview shows how the Yxy color 56.5646, 0.3128, 0.3755 looks on a white background.

Color Contrast Check

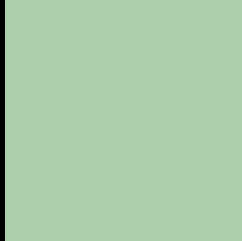
Large Text (above 18pt) WCAG AA × Fail

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 56.5646, 0.3128, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

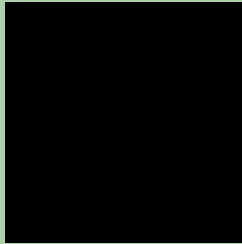
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5646, 0.3128, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 56.5646, 0.3128, 0.3755.



This preview shows how white text looks on a background with the Yxy color 56.5646, 0.3128, 0.3755.

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

56.5646, 0.3128, 0.3755

Protanopia

56.0956, 0.3453, 0.3665

Deuteranopia

56.3251, 0.3548, 0.3487



Tritanopia

56.7281, 0.2876, 0.3096

Trichromacy



Original Color

56.5646, 0.3128, 0.3755

Protanomaly

56.3362, 0.3330, 0.3699

Deuteranomaly

56.0714, 0.3382, 0.3581

Tritanomaly

56.4657, 0.2968, 0.3327

Monochromacy



Original Color

56.5646, 0.3128, 0.3755

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3301, 0.3127, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5646, 0.3128, 0.3755 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(174, 207, 171)` looks like.

```
.text, #text, p{  
    color:rgb(174, 207, 171)  
}
```

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(174, 207, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 207, 171) }
```

Border

The CSS property to change the border of an element to Yxy 56.5646, 0.3128, 0.3755 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(174, 207, 171) }
```

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

```
.border{ border-color:rgb(174, 207, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 207, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 207, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 207, 171);  
box-shadow:4px 4px 4px 4px rgb(174, 207,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5646, 0.3128, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 207, 171) }
```

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

```
.background{ background-color: rgb(174,  
207, 171) }
```

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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