

Converting Colors

$Yxy(55.9591, 0.3128, 0.3665)$

Have a look what the booklet for
Yxy(55.9591, 0.3128, 0.3665)
contains.

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Color

Yxy(56.2228, 0.3132, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	B2CDAF
RGB	178, 205, 175
RGB Percent	70%, 80%, 69%
CMY	0.3020, 0.1961, 0.3138
CMYK	0.13, 0.00, 0.15, 0.20
HSL	114°, 23%, 75%
HSV	114°, 15%, 80%
XYZ	47.9286, 56.2228, 48.8774
YIQ	193.5070, -6.4620, -15.0540

Conversions

Conversions Part 2

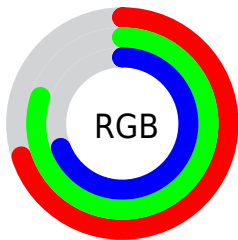
Format	Color
RYB	175, 205, 202
Decimal	11718063
CIELab	79.74, -14.70, 11.93
CIELCh	80, 18.933, 140.931
Yxy	56.2228, 0.3132, 0.3674
Android (android.graphics.Color)	4289908143 (0xFFB2CDAF)
YUV	193.5070, -9.1240, -13.5996
Hunter-Lab	74.9819, -17.1205, 13.8387

Details

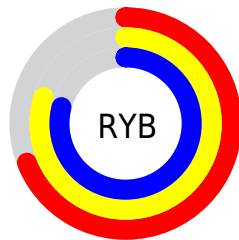
The Yxy color $56.2228, 0.3132, 0.3674$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $47.6196, 0.3118, 0.2929$, and the grayscale version is $53.7011, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.7819, 0.3134, 0.3532$, and $27.9233, 0.3124, 0.3777$ is the 20% darker color. If you saturate the color by 10%, you get $53.4429, 0.3133, 0.3975$, and if you desaturate by 10%, it is $59.4231, 0.3129, 0.3404$.

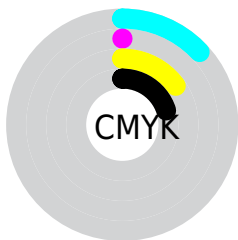
Distribution



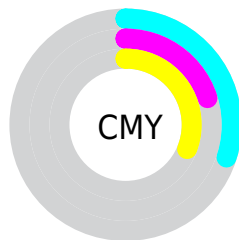
- Red (70%)
- Green (80%)
- Blue (69%)



- Red (69%)
- Yellow (80%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)




- Cyan (30%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2228, 0.3132, 0.3674 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 56.2228, 0.3132, 0.3674 by changing the saturation by 10% instead.

 56.2228, 0.3132,
0.3674

 56.2228, 0.3132,
0.3674


410.5306, 0.3132,
0.3484

 40.3816, 0.3131,
0.3721


 99.3303, 0.3132,
0.3605

 27.8362, 0.3130,
0.3781


127.3653, 0.3133,
0.3579

 18.2022, 0.3128,
0.3861


160.2337, 0.3132,
0.3557

 11.0953, 0.3123,
0.3971

198.3199, 0.3132,
0.3538

 6.1309, 0.3114,
0.4134

242.0083, 0.3132,
0.3522

 2.9249, 0.3093,
0.4397

291.6833, 0.3132,

 1.0926, 0.3174,

0.3507

0.5207

347.7293, 0.3132,
0.3495

0.0000, 0.0000,
0.0000

56.2228, 0.3132,
0.3674

56.2228, 0.3132,
0.3674

53.4429, 0.3133,
0.3975

59.4231, 0.3129,
0.3404

51.0591, 0.3130,
0.4303

63.0528, 0.3125,
0.3167

49.0554, 0.3124,
0.4649

67.1294, 0.3119,
0.2959

47.4122, 0.3113,
0.4996

71.5385, 0.3127,
0.2798

46.1078, 0.3097,
0.5322

72.1452, 0.3150,
0.2801

■ 45.1185, 0.3077,
0.5601

■ 44.4172, 0.3055,
0.5811

■ 43.9723, 0.3031,
0.5939

■ 43.8200, 0.3022,
0.5983

Harmonies

Analogous

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



56.2228, 0.3376, 0.3732



56.2228, 0.3132, 0.3674



56.2228, 0.2894, 0.3499

Triad

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



56.2228, 0.3132, 0.3674



56.2228, 0.2710, 0.2914



56.2228, 0.3548, 0.3291

Complementary

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



56.2228, 0.3132, 0.3674



47.6196, 0.3118, 0.2929

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.



56.2228, 0.3356, 0.3092



56.2228, 0.3132, 0.3674



56.2228, 0.2871, 0.2877

Square

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



56.2228, 0.3132, 0.3674



56.2228, 0.2656, 0.3052



56.2228, 0.3107, 0.2943



56.2228, 0.3622, 0.3498

Rectangle

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



56.2228, 0.3132, 0.3674



56.2228, 0.2769, 0.3345



56.2228, 0.3107, 0.2943



56.2228, 0.3495, 0.3222

Sweetspot

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



56.2252, 0.3132, 0.3674



97.6613, 0.3129, 0.3389



58.0831, 0.3351, 0.3609



20.8122, 0.3129, 0.3409



0.0000, 0.0000, 0.0000



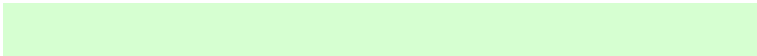
21.4041, 0.3127, 0.3290

Same Dimension

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



56.2252, 0.3132, 0.3674



90.3805, 0.3133, 0.3779



56.3443, 0.3030, 0.3525



12.5899, 0.3131, 0.3528



27.2975, 0.3026, 0.5979



1.4270, 0.3106, 0.5916

Inverse Universe

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



47.6196, 0.3118, 0.2929



73.2667, 0.3115, 0.2837



47.5085, 0.3239, 0.3066



11.3443, 0.3122, 0.3061



9.1443, 0.2960, 0.1404



0.4887, 0.3011, 0.1433

Previews

White Background



This preview shows how the Yxy color 56.2228, 0.3132, 0.3674 looks on a white background.

Color Contrast Check

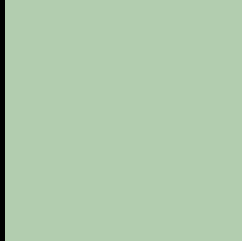
Large Text (above 18pt) WCAG AA × Fail

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 56.2228, 0.3132, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

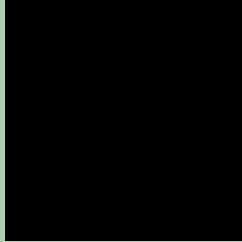
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2228, 0.3132, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 56.2228, 0.3132, 0.3674.



This preview shows how white text looks on a background with the Yxy color 56.2228, 0.3132, 0.3674.

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

56.2228, 0.3132, 0.3674

Protanopia

56.1382, 0.3406, 0.3604

Deuteranopia

55.7292, 0.3501, 0.3430



Tritanopia

56.0674, 0.2910, 0.3096

Trichromacy



Original Color

56.2228, 0.3132, 0.3674

Protanomaly

56.0229, 0.3302, 0.3637

Deuteranomaly

55.4699, 0.3363, 0.3507

Tritanomaly

55.8885, 0.2990, 0.3302

Monochromacy



Original Color

56.2228, 0.3132, 0.3674

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.6674, 0.3129, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2228, 0.3132, 0.3674 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(178, 205, 175)` looks like.

```
.text, #text, p{  
    color:rgb(178, 205, 175)  
}
```

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(178, 205, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 205, 175) }
```

Border

The CSS property to change the border of an element to Yxy 56.2228, 0.3132, 0.3674 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(178, 205, 175) }
```

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

```
.border{ border-color:rgb(178, 205, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 205, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 205, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 205, 175);  
box-shadow:4px 4px 4px 4px rgb(178, 205,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2228, 0.3132, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 205, 175) }
```

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

```
.background{ background-color: rgb(178,  
205, 175) }
```

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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