

Converting Colors

Yxy(56.6417, 0.3101, 0.3630)

Have a look what the booklet for
Yxy(56.6417, 0.3101, 0.3630)
contains.

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Color

Yxy(56.8623, 0.3104, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	B2CEB3
RGB	178, 206, 179
RGB Percent	70%, 81%, 70%
CMY	0.3019, 0.1922, 0.2982
CMYK	0.14, 0.00, 0.13, 0.19
HSL	122°, 22%, 75%
HSV	122°, 14%, 81%
XYZ	48.5692, 56.8623, 51.0415
YIQ	194.5500, -8.0210, -14.3330

Conversions

Conversions Part 2

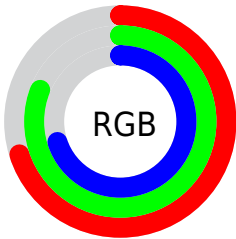
Format	Color
RYB	178, 205, 206
Decimal	11718323
CIELab	80.10, -14.49, 10.33
CIELCh	80, 17.797, 144.523
Yxy	56.8623, 0.3104, 0.3634
Android (android.graphics.Color)	4289908403 (0xFFB2CEB3)
YUV	194.5500, -7.6662, -14.5144
Hunter-Lab	75.4071, -16.9917, 12.6528

Details

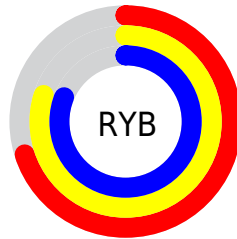
The Yxy color **56.8623, 0.3104, 0.3634** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.3849, 0.3150, 0.2968**, and the grayscale version is **54.3439, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0106, 0.3112, 0.3491**, and **28.3228, 0.3096, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **53.8594, 0.3085, 0.3927**, and if you desaturate by 10%, it is **60.3523, 0.3121, 0.3375**.

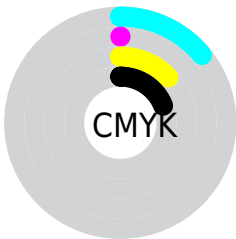
Distribution



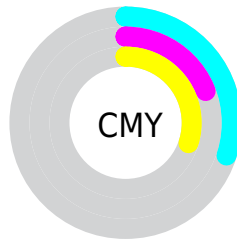
- Red (70%)
- Green (81%)
- Blue (70%)



- Red (70%)
- Yellow (80%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8623, 0.3104, 0.3634 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 56.8623, 0.3104, 0.3634 by changing the saturation by 10% instead.


 56.8623, 0.3104,
0.3634

 56.8623, 0.3104,
0.3634

412.9331, 0.3117,
0.3464

 40.8947, 0.3100,
0.3676


 100.2642, 0.3109,
0.3573

 28.2368, 0.3095,
0.3729


128.4674, 0.3111,
0.3549

 18.5042, 0.3088,
0.3800


161.5178, 0.3112,
0.3530

 11.3126, 0.3078,
0.3898

199.7999, 0.3114,
0.3513

 6.2775, 0.3061,
0.4041

243.6981, 0.3115,
0.3498

 3.0146, 0.3029,
0.4272

293.5968, 0.3116,

 1.1393, 0.3025,

0.3485

0.4860

349.8803, 0.3116,
0.3474

0.0113, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8623, 0.3104,
0.3634

56.8623, 0.3104,
0.3634

53.8594, 0.3085,
0.3927

60.3523, 0.3121,
0.3375

51.3152, 0.3066,
0.4249

64.3421, 0.3137,
0.3148

49.2092, 0.3047,
0.4592

68.8529, 0.3151,
0.2953

47.5168, 0.3029,
0.4942

72.6234, 0.3150,
0.2811

■ 46.2106, 0.3013,
0.5274

■ 45.2603, 0.3002,
0.5565

■ 44.6308, 0.2996,
0.5789

■ 44.2800, 0.2996,
0.5931

■ 44.1585, 0.2995,
0.5982

Harmonies

Analogous

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



56.8623, 0.3335, 0.3703



56.8623, 0.3104, 0.3634



56.8623, 0.2885, 0.3461

Triad

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



56.8623, 0.3104, 0.3634



56.8623, 0.2749, 0.2928



56.8623, 0.3536, 0.3316

Complementary

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



56.8623, 0.3104, 0.3634



49.3849, 0.3150, 0.2968

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.



56.8623, 0.3367, 0.3125



56.8623, 0.3104, 0.3634



56.8623, 0.2911, 0.2905

Square

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



56.8623, 0.3104, 0.3634



56.8623, 0.2685, 0.3047



56.8623, 0.3137, 0.2977



56.8623, 0.3590, 0.3508

Rectangle

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



56.8623, 0.3104, 0.3634



56.8623, 0.2774, 0.3316



56.8623, 0.3137, 0.2977



56.8623, 0.3490, 0.3250

Sweetspot

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



56.8647, 0.3104, 0.3634



97.4977, 0.3121, 0.3386



60.3479, 0.3321, 0.3624



20.7710, 0.3119, 0.3405



0.0000, 0.0000, 0.0000



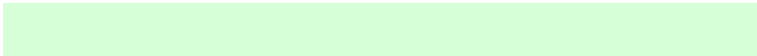
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8647, 0.3104, 0.3634



90.7814, 0.3099, 0.3707



57.4596, 0.3008, 0.3453



12.5429, 0.3111, 0.3521



27.1937, 0.2993, 0.5976



1.4051, 0.2971, 0.5894

Inverse Universe

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



49.3849, 0.3150, 0.2968



76.5871, 0.3155, 0.2905



48.7390, 0.3264, 0.3132



11.3970, 0.3143, 0.3069



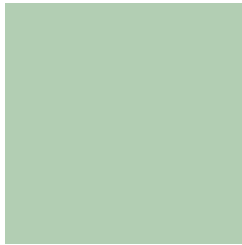
10.6259, 0.3294, 0.1588



0.5503, 0.3276, 0.1578

Previews

White Background



This preview shows how the Yxy color 56.8623, 0.3104, 0.3634 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 56.8623, 0.3104, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

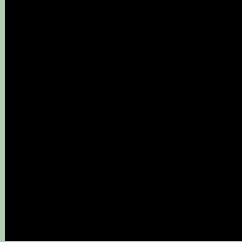
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

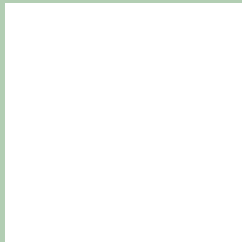
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8623, 0.3104, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 56.8623, 0.3104, 0.3634.



This preview shows how white text looks on a background with the Yxy color 56.8623, 0.3104, 0.3634.

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

56.8623, 0.3104, 0.3634

Protanopia

56.7487, 0.3373, 0.3567

Deuteranopia

56.3270, 0.3466, 0.3395



Tritanopia

56.9734, 0.2890, 0.3097

Trichromacy



Original Color

56.8623, 0.3104, 0.3634

Protanomaly

56.6436, 0.3271, 0.3598

Deuteranomaly

56.0814, 0.3330, 0.3470

Tritanomaly

56.9688, 0.2970, 0.3290

Monochromacy



Original Color

56.8623, 0.3104, 0.3634

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.3398, 0.3121, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8623, 0.3104, 0.3634 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, 206, 179)` looks like.

```
.text, #text, p{  
    color:rgb(178, 206, 179)  
}
```

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, 206, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 206, 179) }
```

Border

The CSS property to change the border of an element to Yxy 56.8623, 0.3104, 0.3634 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, 206, 179) }
```

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

```
.border{ border-color:rgb(178, 206, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 206, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 206, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 206, 179);  
box-shadow:4px 4px 4px 4px rgb(178, 206,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8623, 0.3104, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 206, 179) }
```

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

```
.background{ background-color: rgb(178,  
206, 179) }
```

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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