

Converting Colors

Yxy(56.6126, 0.3067, 0.3563)

Have a look what the booklet for
Yxy(56.6126, 0.3067, 0.3563)
contains.

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Color

Yxy(56.4704, 0.3062, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	B1CDB8
RGB	177, 205, 184
RGB Percent	69%, 80%, 72%
CMY	0.3059, 0.1960, 0.2785
CMYK	0.14, 0.00, 0.10, 0.20
HSL	135°, 22%, 75%
HSV	135°, 14%, 80%
XYZ	48.6119, 56.4704, 53.6763
YIQ	194.2340, -9.9470, -12.4670

Conversions

Conversions Part 2

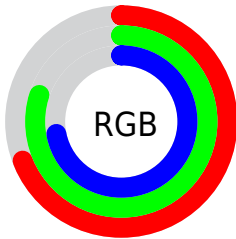
Format	Color
RYB	177, 199, 205
Decimal	11652536
CIELab	79.88, -13.42, 7.32
CIELCh	80, 15.288, 151.397
Yxy	56.4704, 0.3062, 0.3557
Android (android.graphics.Color)	4289842616 (0xFFB1CDB8)
YUV	194.2340, -5.0454, -15.1142
Hunter-Lab	75.1468, -16.0367, 10.2528

Details

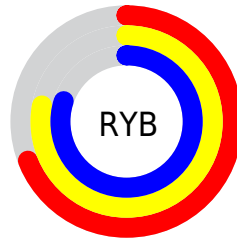
The Yxy color **56.4704, 0.3062, 0.3557** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5000, 0.3199, 0.3037**, and the grayscale version is **54.1293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1349, 0.3077, 0.3440**, and **28.0570, 0.3042, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **53.6332, 0.3015, 0.3781**, and if you desaturate by 10%, it is **59.7442, 0.3110, 0.3357**.

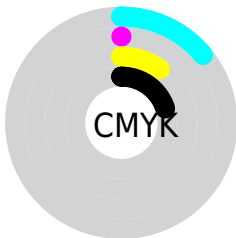
Distribution



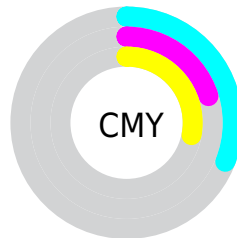
- Red (69%)
- Green (80%)
- Blue (72%)



- Red (69%)
- Yellow (78%)
- Blue (80%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (20%)




- Cyan (31%)
- Magenta (20%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4704, 0.3062, 0.3557 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 56.4704, 0.3062, 0.3557 by changing the saturation by 10% instead.


 56.4704, 0.3062,
0.3557

 56.4704, 0.3062,
0.3557


411.4618, 0.3095,
0.3425

 40.5802, 0.3054,
0.3589


 99.6920, 0.3074,
0.3510

 27.9912, 0.3043,
0.3631


127.7922, 0.3078,
0.3492

 18.3190, 0.3029,
0.3685


160.7312, 0.3082,
0.3476

 11.1793, 0.3009,
0.3760

198.8934, 0.3085,
0.3463

 6.1876, 0.2980,
0.3871

242.6632, 0.3088,
0.3452

 2.9595, 0.2930,
0.4048

292.4249, 0.3091,

 1.1106, 0.2846,

0.3442

0.4439

348.5630, 0.3093,
0.3433

0.0000, 0.0000,
0.0000

56.4704, 0.3062,
0.3557

56.4704, 0.3062,
0.3557

53.6332, 0.3015,
0.3781

59.7442, 0.3110,
0.3357

51.2070, 0.2971,
0.4029

63.4647, 0.3157,
0.3181

49.1747, 0.2932,
0.4298

67.6504, 0.3202,
0.3027

47.5150, 0.2900,
0.4580

71.5509, 0.3216,
0.2890

46.2046, 0.2880,
0.4866

72.1463, 0.3150,
0.2802

■ 45.2174, 0.2874,
0.5142

■ 44.5237, 0.2882,
0.5394

■ 44.0878, 0.2904,
0.5607

■ 43.9068, 0.2922,
0.5718

Harmonies

Analogous

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



56.4704, 0.3263, 0.3640



56.4704, 0.3062, 0.3557



56.4704, 0.2882, 0.3395

Triad

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



56.4704, 0.3062, 0.3557



56.4704, 0.2826, 0.2965



56.4704, 0.3499, 0.3353

Complementary

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



56.4704, 0.3062, 0.3557



48.5000, 0.3199, 0.3037

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.



56.4704, 0.3374, 0.3183



56.4704, 0.3062, 0.3557



56.4704, 0.2983, 0.2964

Square

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



56.4704, 0.3062, 0.3557



56.4704, 0.2749, 0.3052



56.4704, 0.3183, 0.3043



56.4704, 0.3520, 0.3513

Rectangle

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



56.4704, 0.3062, 0.3557



56.4704, 0.2798, 0.3270



56.4704, 0.3183, 0.3043



56.4704, 0.3467, 0.3296

Sweetspot

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



56.4728, 0.3062, 0.3557



97.6333, 0.3108, 0.3364



58.9103, 0.3278, 0.3631



20.8052, 0.3104, 0.3379



0.0000, 0.0000, 0.0000



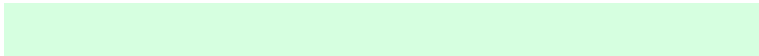
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4728, 0.3062, 0.3557



91.2489, 0.3050, 0.3612



57.0686, 0.2970, 0.3383



12.5821, 0.3082, 0.3469



27.3443, 0.2915, 0.5695



1.4232, 0.2805, 0.5299

Inverse Universe

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



48.5000, 0.3199, 0.3037



76.0359, 0.3215, 0.2988



47.9023, 0.3312, 0.3199



11.3540, 0.3175, 0.3118



9.5449, 0.3954, 0.1952



0.5041, 0.3778, 0.1855

Previews

White Background



This preview shows how the Yxy color 56.4704, 0.3062, 0.3557 looks on a white background.

Color Contrast Check

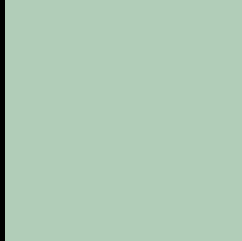
Large Text (above 18pt) WCAG AA × Fail

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 56.4704, 0.3062, 0.3557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

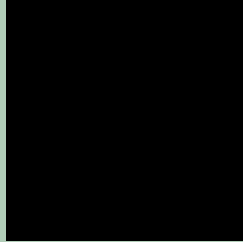
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

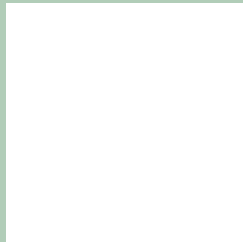
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.4704, 0.3062, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 56.4704, 0.3062, 0.3557.



This preview shows how white text looks on a background with the Yxy color 56.4704, 0.3062, 0.3557.

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

56.4704, 0.3062, 0.3557

Protanopia

56.2069, 0.3320, 0.3495

Deuteranopia

56.2216, 0.3408, 0.3337



Tritanopia

56.2115, 0.2882, 0.3095

Trichromacy



Original Color

56.4704, 0.3062, 0.3557

Protanomaly

56.2469, 0.3227, 0.3524

Deuteranomaly

56.0042, 0.3275, 0.3410

Tritanomaly

56.3040, 0.2948, 0.3265

Monochromacy



Original Color

56.4704, 0.3062, 0.3557

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

54.7972, 0.3107, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4704, 0.3062, 0.3557 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(177, 205, 184)` looks like.

```
.text, #text, p{  
  color:rgb(177, 205, 184)  
}
```

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(177, 205, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 205, 184) }
```

Border

The CSS property to change the border of an element to Yxy 56.4704, 0.3062, 0.3557 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(177, 205, 184) }
```

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

```
.border{ border-color:rgb(177, 205, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 205, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 205, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 205, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 205,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4704, 0.3062, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 205, 184) }
```

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

```
.background{ background-color: rgb(177,  
205, 184) }
```

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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