

Converting Colors

$Yxy(57.0157, 0.3177, 0.3805)$

Have a look what the booklet for
Yxy(57.0157, 0.3177, 0.3805)
contains.

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Color

Yxy(56.7628, 0.3178, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	B1CFA7
RGB	177, 207, 167
RGB Percent	69%, 81%, 65%
CMY	0.3061, 0.1882, 0.3452
CMYK	0.15, 0.00, 0.19, 0.19
HSL	105°, 29%, 73%
HSV	105°, 19%, 81%
XYZ	47.4092, 56.7628, 45.0075
YIQ	193.4700, -5.0400, -18.8000

Conversions

Conversions Part 2

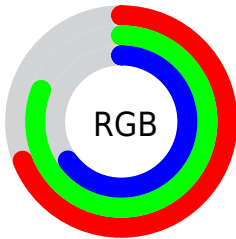
Format	Color
RYB	167, 207, 197
Decimal	11653031
CIELab	80.05, -17.46, 16.61
CIELCh	80, 24.100, 136.423
Yxy	56.7628, 0.3178, 0.3805
Android (android.graphics.Color)	4289843111 (0xFFB1CFA7)
YUV	193.4700, -13.0497, -14.4442
Hunter-Lab	75.3411, -19.5237, 17.3200

Details

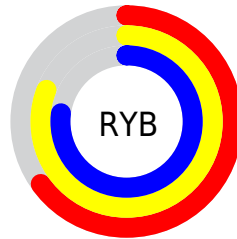
The Yxy color **56.7628, 0.3178, 0.3805** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.0142, 0.3062, 0.2801**, and the grayscale version is **53.6956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1176, 0.3180, 0.3626**, and **28.3054, 0.3185, 0.3954** is the 20% darker color. If you saturate the color by 10%, you get **54.3376, 0.3200, 0.4110**, and if you desaturate by 10%, it is **59.5235, 0.3153, 0.3526**.

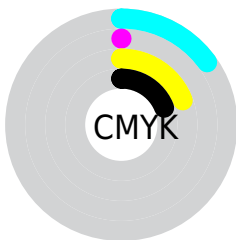
Distribution



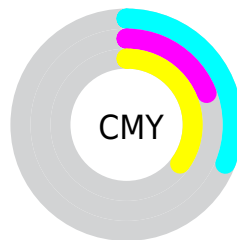
- Red (69%)
- Green (81%)
- Blue (65%)



- Red (65%)
- Yellow (81%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)




- Cyan (31%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7628, 0.3178, 0.3805 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 56.7628, 0.3178, 0.3805 by changing the saturation by 10% instead.

 56.7628, 0.3178,
0.3805


 56.7628, 0.3178,
0.3805

412.5599, 0.3157,
0.3549

 40.8148, 0.3182,
0.3869


 100.1190, 0.3172,
0.3712

 28.1744, 0.3186,
0.3950

 128.2960, 0.3169,
0.3677

 18.4572, 0.3190,
0.4058

161.3182, 0.3166,
0.3648

 11.2787, 0.3193,
0.4207

199.5699, 0.3164,
0.3622

 6.2546, 0.3191,
0.4426

243.4355, 0.3162,
0.3600

 3.0005, 0.3176,
0.4778

293.2994, 0.3160,

 1.1320, 0.3481,

0.3581

0.6246

349.5461, 0.3159,
0.3564

0.0051, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.7628, 0.3178,
0.3805

56.7628, 0.3178,
0.3805

54.3376, 0.3200,
0.4110

59.5235, 0.3153,
0.3526

52.2278, 0.3216,
0.4434

62.6243, 0.3125,
0.3274


50.4221, 0.3224,
0.4766


66.0792, 0.3098,
0.3051


48.9059, 0.3222,
0.5089


69.8990, 0.3070,
0.2854


 47.6633, 0.3207,
0.5384


 73.0559, 0.3147,
0.2821

 46.6766, 0.3180,
0.5628

 73.1147, 0.3149,
0.2821

 45.9259, 0.3142,
0.5806

 45.3828, 0.3099,
0.5917

 45.3525, 0.3097,
0.5923

Harmonies

Analogous

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



56.7628, 0.3481, 0.3849



56.7628, 0.3178, 0.3805



56.7628, 0.2872, 0.3598

Triad

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



56.7628, 0.3178, 0.3805



56.7628, 0.2583, 0.2832



56.7628, 0.3634, 0.3248

Complementary

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



56.7628, 0.3178, 0.3805



44.0142, 0.3062, 0.2801

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.



56.7628, 0.3371, 0.3007



56.7628, 0.3178, 0.3805



56.7628, 0.2765, 0.2770

Square

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



56.7628, 0.3178, 0.3805



56.7628, 0.2538, 0.3020



56.7628, 0.3051, 0.2836



56.7628, 0.3754, 0.3510

Rectangle

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



56.7628, 0.3178, 0.3805



56.7628, 0.2706, 0.3404



56.7628, 0.3051, 0.2836



56.7628, 0.3559, 0.3163

Sweetspot

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



56.7652, 0.3178, 0.3805



96.9388, 0.3144, 0.3440



55.9943, 0.3437, 0.3654



20.6802, 0.3146, 0.3457



0.0000, 0.0000, 0.0000



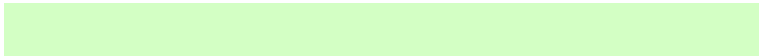
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7652, 0.3178, 0.3805



89.3632, 0.3187, 0.3922



56.0222, 0.3035, 0.3681



13.3464, 0.3153, 0.3528



28.6063, 0.3104, 0.5917



1.6376, 0.3240, 0.5810

Inverse Universe

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



44.0142, 0.3062, 0.2801



65.4531, 0.3046, 0.2696



44.9307, 0.3234, 0.2928



11.8547, 0.3099, 0.3058



7.3045, 0.2590, 0.1201



0.4445, 0.2709, 0.1266

Previews

White Background



This preview shows how the Yxy color 56.7628, 0.3178, 0.3805 looks on a white background.

Color Contrast Check

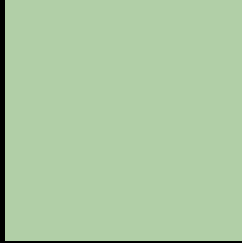
Large Text (above 18pt) WCAG AA × Fail

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 56.7628, 0.3178, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

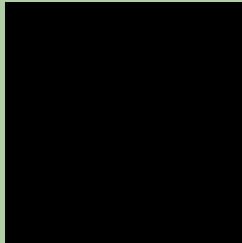
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.7628, 0.3178, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 56.7628, 0.3178, 0.3805.



This preview shows how white text looks on a background with the Yxy color 56.7628, 0.3178, 0.3805.

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

56.7628, 0.3178, 0.3805

Protanopia

56.6984, 0.3499, 0.3723

Deuteranopia

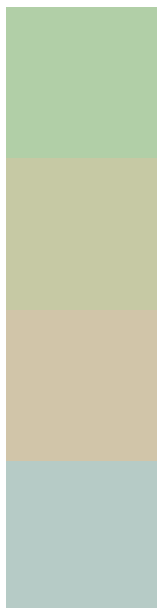
56.4948, 0.3599, 0.3532



Tritanopia

56.5807, 0.2904, 0.3096

Trichromacy



Original Color

56.7628, 0.3178, 0.3805

Protanomaly

56.4594, 0.3377, 0.3747

Deuteranomaly

56.3524, 0.3438, 0.3627

Tritanomaly

56.7342, 0.3003, 0.3352

Monochromacy



Original Color

56.7628, 0.3178, 0.3805

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.4137, 0.3143, 0.3466

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7628, 0.3178, 0.3805 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, 207, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 207, 167)  
}
```

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, 207, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 207, 167) }
```

Border

The CSS property to change the border of an element to Yxy 56.7628, 0.3178, 0.3805 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, 207, 167) }
```

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

```
.border{ border-color:rgb(177, 207, 167) }
```

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

Here you see how a box with a 4 pixel rgb(177, 207, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 207, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 207, 167);  
box-shadow:4px 4px 4px 4px rgb(177, 207,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7628, 0.3178, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 207, 167) }
```

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

```
.background{ background-color: rgb(177,  
207, 167) }
```

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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