

Converting Colors

$Yxy(56.9729, 0.3055, 0.3695)$

Have a look what the booklet for
Yxy(56.9729, 0.3055, 0.3695)
contains.

Yxy(56.8321, 0.3057, 0.3691)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.8321, 0.3057, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	AAD0B1
RGB	170, 208, 177
RGB Percent	67%, 82%, 69%
CMY	0.3333, 0.1843, 0.3060
CMYK	0.18, 0.00, 0.15, 0.18
HSL	131°, 29%, 74%
HSV	131°, 18%, 82%
XYZ	47.0701, 56.8321, 50.0726
YIQ	193.1040, -12.6970, -17.6970

Conversions

Conversions Part 2

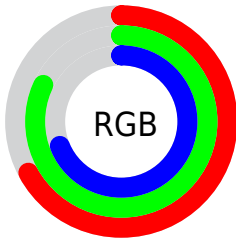
Format	Color
RYB	170, 202, 208
Decimal	11194545
CIELab	80.09, -18.58, 11.29
CIElCh	80, 21.737, 148.712
Yxy	56.8321, 0.3057, 0.3691
Android (android.graphics.Color)	4289384625 (0xFFAAD0B1)
YUV	193.1040, -7.9393, -20.2622
Hunter-Lab	75.3871, -20.4757, 13.3901

Details

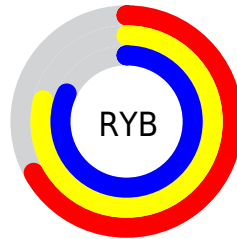
The Yxy color **56.8321, 0.3057, 0.3691** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.3851, 0.3206, 0.2920**, and the grayscale version is **53.4480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5719, 0.3074, 0.3515**, and **28.3483, 0.3035, 0.3819** is the 20% darker color. If you saturate the color by 10%, you get **54.0608, 0.3019, 0.3949**, and if you desaturate by 10%, it is **60.0593, 0.3096, 0.3460**.

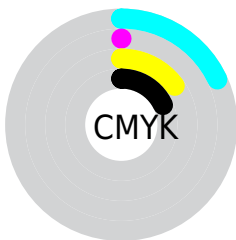
Distribution



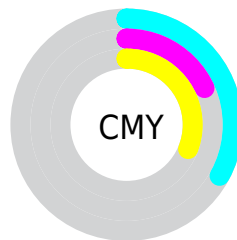
- Red (67%)
- Green (82%)
- Blue (69%)



- Red (67%)
- Yellow (79%)
- Blue (82%)



- Cyan (18%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)





- Cyan (33%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8321, 0.3057, 0.3691 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 56.8321, 0.3057, 0.3691 by changing the saturation by 10% instead.


 56.8321, 0.3057,
0.3691

 56.8321, 0.3057,
0.3691


412.8199, 0.3094,
0.3492

 40.8705, 0.3047,
0.3740


 100.2202, 0.3071,
0.3619

 28.2179, 0.3035,
0.3803


128.4154, 0.3076,
0.3592

 18.4900, 0.3018,
0.3887


161.4572, 0.3080,
0.3569

 11.3023, 0.2993,
0.4003


199.7301, 0.3083,
0.3549

 6.2706, 0.2955,
0.4174

243.6184, 0.3086,
0.3532

 3.0103, 0.2889,
0.4452

293.5065, 0.3089,

 1.1371, 0.2799,

0.3517

0.5237

349.7789, 0.3092,
0.3504

0.0094, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8321, 0.3057,
0.3691

56.8321, 0.3057,
0.3691

54.0608, 0.3019,
0.3949

60.0593, 0.3096,
0.3460

51.7179, 0.2984,
0.4231

63.7542, 0.3134,
0.3257

49.7840, 0.2954,
0.4530

67.9371, 0.3170,
0.3078

48.2352, 0.2932,
0.4837

72.6249, 0.3205,
0.2924

■ 47.0453, 0.2919,
0.5137

■ 73.5930, 0.3149,
0.2831

■ 46.1845, 0.2919,
0.5410

■ 45.6185, 0.2931,
0.5639

■ 45.2970, 0.2952,
0.5812

■ 45.2538, 0.2955,
0.5837

Harmonies

Analogous

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



56.8321, 0.3341, 0.3795



56.8321, 0.3057, 0.3691



56.8321, 0.2800, 0.3463

Triad

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



56.8321, 0.3057, 0.3691



56.8321, 0.2688, 0.2838



56.8321, 0.3646, 0.3352

Complementary

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



56.8321, 0.3057, 0.3691



46.3851, 0.3206, 0.2920

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.



56.8321, 0.3456, 0.3119



56.8321, 0.3057, 0.3691



56.8321, 0.2898, 0.2830

Square

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



56.8321, 0.3057, 0.3691



56.8321, 0.2594, 0.2965



56.8321, 0.3178, 0.2932



56.8321, 0.3690, 0.3581

Rectangle

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



56.8321, 0.3057, 0.3691



56.8321, 0.2676, 0.3281



56.8321, 0.3178, 0.2932



56.8321, 0.3597, 0.3272

Sweetspot

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



56.8345, 0.3057, 0.3691



97.0089, 0.3108, 0.3392



60.5267, 0.3349, 0.3748



20.6772, 0.3105, 0.3407



0.0000, 0.0000, 0.0000



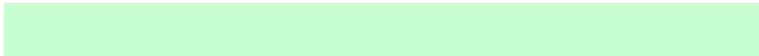
21.4041, 0.3127, 0.3290

Same Dimension

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



56.8345, 0.3057, 0.3691



88.2610, 0.3042, 0.3791



57.6165, 0.2936, 0.3450



13.2412, 0.3091, 0.3485



28.2143, 0.2949, 0.5818



1.5885, 0.2858, 0.5490

Inverse Universe

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



46.3851, 0.3206, 0.2920



68.6361, 0.3226, 0.2836



45.5718, 0.3365, 0.3136



11.9703, 0.3165, 0.3102



10.1769, 0.3731, 0.1829



0.5789, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 56.8321, 0.3057, 0.3691 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 56.8321, 0.3057, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

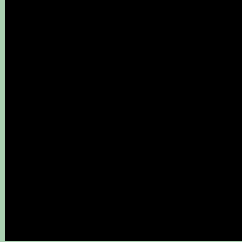
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.8321, 0.3057, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 56.8321, 0.3057, 0.3691.

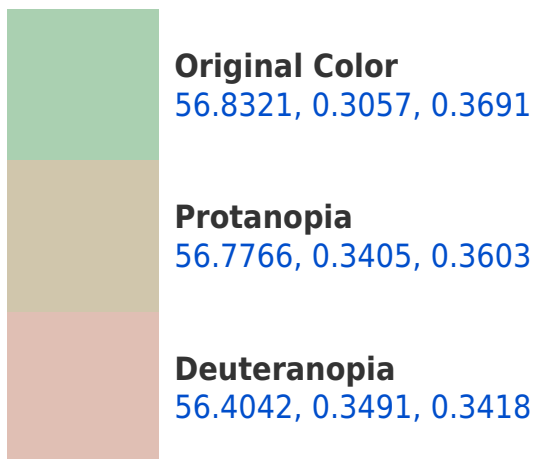


This preview shows how white text looks on a background with the Yxy color 56.8321, 0.3057, 0.3691.

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





Tritanopia

56.6501, 0.2835, 0.3094

Trichromacy



Original Color

56.8321, 0.3057, 0.3691

Protanomaly

56.7664, 0.3268, 0.3637

Deuteranomaly

56.0245, 0.3319, 0.3508

Tritanomaly

56.4962, 0.2912, 0.3302

Monochromacy



Original Color

56.8321, 0.3057, 0.3691

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.2903, 0.3105, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8321, 0.3057, 0.3691 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(170, 208, 177)` looks like.

```
.text, #text, p{  
    color:rgb(170, 208, 177)  
}
```

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(170, 208, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 208, 177) }
```

Border

The CSS property to change the border of an element to Yxy 56.8321, 0.3057, 0.3691 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(170, 208, 177) }
```

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

```
.border{ border-color:rgb(170, 208, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 208, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 208, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 208, 177); box-shadow:4px 4px 4px 4px rgb(170, 208, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8321, 0.3057, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 208, 177) }
```

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

```
.background{ background-color: rgb(170,  
208, 177) }
```

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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