

Converting Colors

Yxy(56.6811, 0.3097, 0.3709)

Have a look what the booklet for
Yxy(56.6811, 0.3097, 0.3709)
contains.

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Color

Yxy(56.6050, 0.3093, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	ADCFAF
RGB	173, 207, 175
RGB Percent	68%, 81%, 69%
CMY	0.3216, 0.1882, 0.3138
CMYK	0.16, 0.00, 0.15, 0.19
HSL	123°, 26%, 75%
HSV	123°, 16%, 81%
XYZ	47.2804, 56.6050, 48.9772
YIQ	193.1860, -9.9920, -17.1600

Conversions

Conversions Part 2

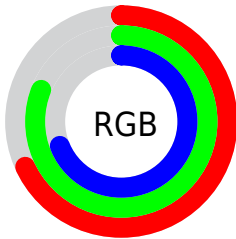
Format	Color
RYB	173, 205, 207
Decimal	11390895
CIELab	79.96, -17.43, 12.20
CIElCh	80, 21.281, 145.013
Yxy	56.6050, 0.3093, 0.3703
Android (android.graphics.Color)	4289580975 (0xFFADCF AF)
YUV	193.1860, -8.9657, -17.7031
Hunter-Lab	75.2363, -19.4896, 14.0689

Details

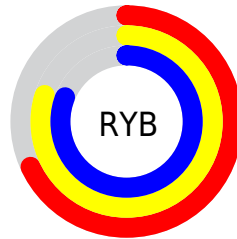
The Yxy color **56.6050, 0.3093, 0.3703** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.5594, 0.3162, 0.2909**, and the grayscale version is **53.5008, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9475, 0.3103, 0.3534**, and **28.2056, 0.3073, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **53.7162, 0.3071, 0.3997**, and if you desaturate by 10%, it is **59.9748, 0.3114, 0.3441**.

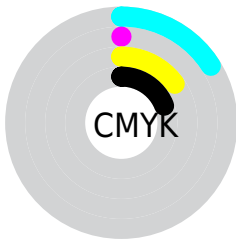
Distribution



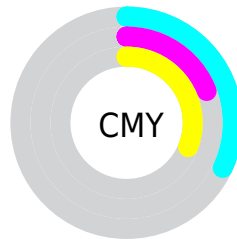
- Red (68%)
- Green (81%)
- Blue (69%)



- Red (68%)
- Yellow (80%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)





- Cyan (32%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6050, 0.3093, 0.3703 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 56.6050, 0.3093, 0.3703 by changing the saturation by 10% instead.


 56.6050, 0.3093,
0.3703

 56.6050, 0.3093,
0.3703


411.9675, 0.3112,
0.3498

 40.6882, 0.3088,
0.3754


 99.8886, 0.3100,
0.3629

 28.0755, 0.3080,
0.3819


128.0242, 0.3103,
0.3601

 18.3826, 0.3070,
0.3905


161.0015, 0.3105,
0.3577

 11.2250, 0.3054,
0.4025

199.2049, 0.3107,
0.3557

 6.2184, 0.3029,
0.4201

243.0188, 0.3109,
0.3539

 2.9783, 0.2981,
0.4487

292.8276, 0.3110,

 1.1204, 0.2977,

0.3524

0.5362

349.0157, 0.3111,
0.3510

0.0000, 0.0000,
0.0000

56.6050, 0.3093,
0.3703

56.6050, 0.3093,
0.3703

53.7162, 0.3071,
0.3997

59.9748, 0.3114,
0.3441

51.2797, 0.3049,
0.4318

63.8385, 0.3134,
0.3212

49.2748, 0.3028,
0.4657

68.2175, 0.3152,
0.3013

47.6762, 0.3010,
0.4998

72.9788, 0.3163,
0.2840

46.4561, 0.2996,
0.5320

73.1101, 0.3149,
0.2821

■ 45.5833, 0.2988,
0.5597

■ 45.0214, 0.2987,
0.5807

■ 44.7248, 0.2991,
0.5939

■ 44.6568, 0.2991,
0.5968

Harmonies

Analogous

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



56.6050, 0.3370, 0.3787



56.6050, 0.3093, 0.3703



56.6050, 0.2834, 0.3491

Triad

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



56.6050, 0.3093, 0.3703



56.6050, 0.2679, 0.2856



56.6050, 0.3620, 0.3322

Complementary

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



56.6050, 0.3093, 0.3703



47.5594, 0.3162, 0.2909

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.



56.6050, 0.3419, 0.3096



56.6050, 0.3093, 0.3703



56.6050, 0.2872, 0.2833

Square

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



56.6050, 0.3093, 0.3703



56.6050, 0.2602, 0.2995



56.6050, 0.3142, 0.2921



56.6050, 0.3682, 0.3550

Rectangle

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



56.6050, 0.3093, 0.3703



56.6050, 0.2704, 0.3315



56.6050, 0.3142, 0.2921



56.6050, 0.3566, 0.3244

Sweetspot

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



56.6074, 0.3093, 0.3703



96.9122, 0.3117, 0.3408



60.6699, 0.3358, 0.3697



20.6538, 0.3116, 0.3425



0.0000, 0.0000, 0.0000



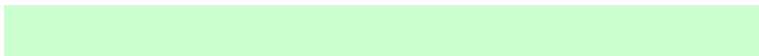
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6074, 0.3093, 0.3703



88.8611, 0.3085, 0.3811



57.3058, 0.2980, 0.3484



13.2173, 0.3108, 0.3516



28.1377, 0.2989, 0.5959



1.5773, 0.2952, 0.5827

Inverse Universe

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



47.5594, 0.3162, 0.2909



71.4757, 0.3171, 0.2819



46.7941, 0.3303, 0.3104



11.9967, 0.3147, 0.3074



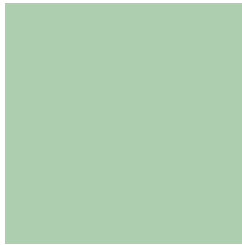
10.8433, 0.3360, 0.1624



0.6100, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 56.6050, 0.3093, 0.3703 looks on a white background.

Color Contrast Check

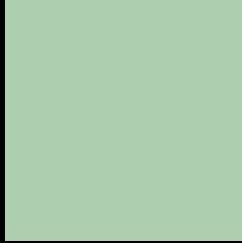
Large Text (above 18pt) WCAG AA × Fail

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 56.6050, 0.3093, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

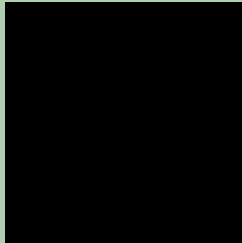
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6050, 0.3093, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 56.6050, 0.3093, 0.3703.



This preview shows how white text looks on a background with the Yxy color 56.6050, 0.3093, 0.3703.

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

56.6050, 0.3093, 0.3703

Protanopia

56.2447, 0.3422, 0.3616

Deuteranopia

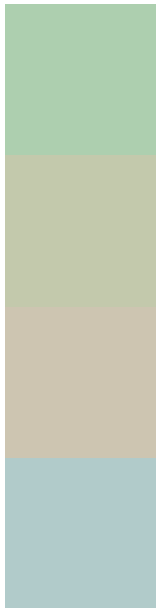
56.3232, 0.3507, 0.3441



Tritanopia

56.4863, 0.2862, 0.3095

Trichromacy



Original Color

56.6050, 0.3093, 0.3703

Protanomaly

56.3539, 0.3292, 0.3649

Deuteranomaly

56.0860, 0.3343, 0.3532

Tritanomaly

56.3233, 0.2940, 0.3302

Monochromacy



Original Color

56.6050, 0.3093, 0.3703

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

54.3724, 0.3120, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6050, 0.3093, 0.3703 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(173, 207, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 207, 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(173, 207, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 207, 175) }
```

Border

The CSS property to change the border of an element to Yxy 56.6050, 0.3093, 0.3703 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(173, 207, 175) }
```

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

```
.border{ border-color:rgb(173, 207, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 207, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 207, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 207, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 207,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6050, 0.3093, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 207, 175) }
```

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

```
.background{ background-color: rgb(173,  
207, 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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