

Converting Colors

$Yxy(56.8005, 0.3101, 0.3899)$

Have a look what the booklet for
Yxy(56.8005, 0.3101, 0.3899)
contains.

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Color

Yxy(56.6660, 0.3099, 0.3897)

Conversions

Conversions Part 1

Format	Color
Hex	A4D2A4
RGB	164, 210, 164
RGB Percent	64%, 82%, 64%
CMY	0.3567, 0.1765, 0.3569
CMYK	0.22, 0.00, 0.22, 0.18
HSL	120°, 34%, 73%
HSV	120°, 22%, 82%
XYZ	45.0623, 56.6660, 43.6810
YIQ	191.0020, -12.6500, -24.0580

Conversions

Conversions Part 2

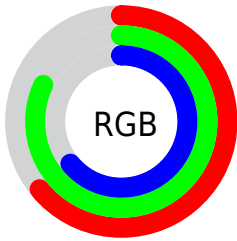
Format	Color
RYB	164, 210, 210
Decimal	10801828
CIELab	79.99, -23.88, 18.00
CIElCh	80, 29.901, 142.994
Yxy	56.6660, 0.3099, 0.3897
Android (android.graphics.Color)	4288991908 (0xFFA4D2A4)
YUV	191.0020, -13.3120, -23.6808
Hunter-Lab	75.2768, -24.8805, 18.2895

Details

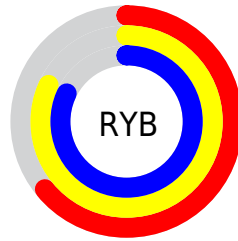
The Yxy color **56.6660, 0.3099, 0.3897** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.8966, 0.3152, 0.2749**, and the grayscale version is **52.1905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8501, 0.3116, 0.3666**, and **27.9920, 0.3081, 0.4068** is the 20% darker color. If you saturate the color by 10%, you get **53.9196, 0.3084, 0.4226**, and if you desaturate by 10%, it is **59.9107, 0.3113, 0.3599**.

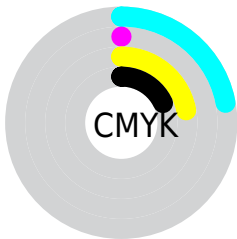
Distribution



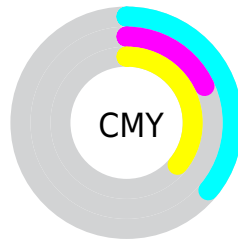
- Red (64%)
- Green (82%)
- Blue (64%)



- Red (64%)
- Yellow (82%)
- Blue (82%)



- Cyan (22%)
- Magenta (0%)
- Yellow (22%)
- Black (18%)




- Cyan (36%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6660, 0.3099, 0.3897 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 56.6660, 0.3099, 0.3897 by changing the saturation by 10% instead.


 56.6660, 0.3099,
0.3897


 56.6660, 0.3099,
0.3897


412.1966, 0.3118,
0.3592

 40.7371, 0.3093,
0.3973


 99.9777, 0.3107,
0.3786

 28.1138, 0.3083,
0.4071


 128.1293, 0.3110,
0.3745

 18.4114, 0.3070,
0.4201


161.1239, 0.3112,
0.3709

 11.2458, 0.3048,
0.4383

199.3460, 0.3114,
0.3679

 6.2324, 0.3008,
0.4652

243.1799, 0.3115,
0.3653

 2.9869, 0.2929,
0.5088

293.0101, 0.3117,

 1.1249, 0.2940,

0.3630


0.7060


349.2208, 0.3118,
0.3610

 0.0000, 0.0000,
0.0000

 56.6660, 0.3099,
0.3897


 56.6660, 0.3099,
0.3897


 53.9196, 0.3084,
0.4226


 59.9107, 0.3113,
0.3599

 51.6400, 0.3067,
0.4578


 63.6691, 0.3125,
0.3336


 49.8036, 0.3050,
0.4937

 67.9646, 0.3136,
0.3107

 48.3815, 0.3034,
0.5279

 72.8172, 0.3145,
0.2910

 47.3415, 0.3020,
0.5575

 74.5717, 0.3148,
0.2851

■ 46.6468, 0.3010,
0.5801

■ 46.2530, 0.3003,
0.5941

■ 46.0930, 0.3000,
0.6000

Harmonies

Analogous

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



56.6660, 0.3485, 0.3995



56.6660, 0.3099, 0.3897



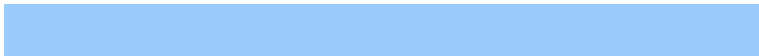
56.6660, 0.2736, 0.3599

Triad

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



56.6660, 0.3099, 0.3897



56.6660, 0.2494, 0.2694



56.6660, 0.3809, 0.3303

Complementary

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



56.6660, 0.3099, 0.3897



44.8966, 0.3152, 0.2749

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.



56.6660, 0.3511, 0.3001



56.6660, 0.3099, 0.3897



56.6660, 0.2748, 0.2659

Square

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



56.6660, 0.3099, 0.3897



56.6660, 0.2402, 0.2888



56.6660, 0.3117, 0.2771



56.6660, 0.3910, 0.3620

Rectangle

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



56.6660, 0.3099, 0.3897



56.6660, 0.2553, 0.3344



56.6660, 0.3117, 0.2771



56.6660, 0.3728, 0.3198

Sweetspot

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



56.6684, 0.3099, 0.3897



95.6765, 0.3119, 0.3468



62.0954, 0.3457, 0.3824



20.4030, 0.3118, 0.3484



0.0000, 0.0000, 0.0000



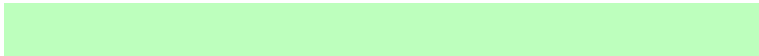
21.4041, 0.3127, 0.3290

Same Dimension

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



56.6684, 0.3099, 0.3897



85.9696, 0.3092, 0.4038



57.5386, 0.2953, 0.3597



13.2068, 0.3116, 0.3530



28.1172, 0.3000, 0.6000



1.5723, 0.3001, 0.5999

Inverse Universe

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



44.8966, 0.3152, 0.2749



64.7343, 0.3157, 0.2641



43.8707, 0.3347, 0.3003



12.0085, 0.3138, 0.3061



11.1786, 0.3207, 0.1540



0.6252, 0.3207, 0.1541

Previews

White Background



This preview shows how the Yxy color 56.6660, 0.3099, 0.3897 looks on a white background.

Color Contrast Check

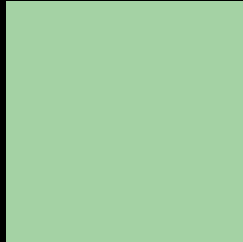
Large Text (above 18pt) WCAG AA × Fail

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 56.6660, 0.3099, 0.3897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

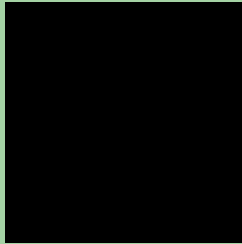
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6660, 0.3099, 0.3897

Background



This preview shows how black text looks on a background with the Yxy color 56.6660, 0.3099, 0.3897.



This preview shows how white text looks on a background with the Yxy color 56.6660, 0.3099, 0.3897.

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

56.6660, 0.3099, 0.3897

Protanopia

56.1028, 0.3533, 0.3760

Deuteranopia

55.9850, 0.3618, 0.3544



Tritanopia

56.7106, 0.2802, 0.3093

Trichromacy



Original Color

56.6660, 0.3099, 0.3897

Protanomaly

56.1166, 0.3363, 0.3816

Deuteranomaly

55.5599, 0.3412, 0.3656

Tritanomaly

56.8122, 0.2911, 0.3378

Monochromacy



Original Color

56.6660, 0.3099, 0.3897

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.5481, 0.3117, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6660, 0.3099, 0.3897 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(164, 210, 164)` looks like.

```
.text, #text, p{  
    color:rgb(164, 210, 164)  
}
```

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(164, 210, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 210, 164) }
```

Border

The CSS property to change the border of an element to Yxy 56.6660, 0.3099, 0.3897 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(164, 210, 164) }
```

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

```
.border{ border-color:rgb(164, 210, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 210, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 210, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 210, 164);  
box-shadow:4px 4px 4px 4px rgb(164, 210,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6660, 0.3099, 0.3897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 210, 164) }
```

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

```
.background{ background-color: rgb(164,  
210, 164) }
```

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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