

Converting Colors

$Yxy(56.3091, 0.3557, 0.4968)$

Have a look what the booklet for
Yxy(56.3091, 0.3557, 0.4968)
contains.

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Color

Yxy(56.2794, 0.3555, 0.4969)

Conversions

Conversions Part 1

Format	Color
Hex	A1D652
RGB	161, 214, 82
RGB Percent	63%, 84%, 32%
CMY	0.3687, 0.1607, 0.6785
CMYK	0.25, 0.00, 0.62, 0.16
HSL	84°, 62%, 58%
HSV	84°, 62%, 84%
XYZ	40.2643, 56.2794, 16.7173
YIQ	183.1050, 10.7840, -52.2880

Conversions

Conversions Part 2

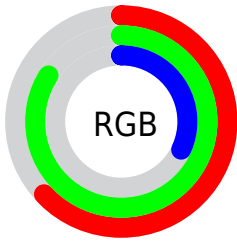
Format	Color
RYB	82, 214, 135
Decimal	10606162
CIELab	79.77, -37.29, 58.03
CIELCh	80, 68.982, 122.728
Yxy	56.2794, 0.3555, 0.4969
Android (android.graphics.Color)	4288796242 (0xFFA1D652)
YUV	183.1050, -49.8448, -19.3861
Hunter-Lab	75.0196, -35.4803, 39.3016

Details

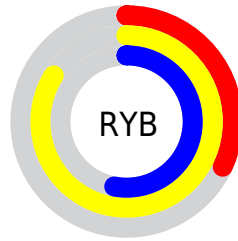
The Yxy color **56.2794, 0.3555, 0.4969** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **16.0367, 0.2359, 0.1505**, and the grayscale version is **47.6870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3576, 0.3570, 0.4544**, and **27.8614, 0.3571, 0.5414** is the 20% darker color. If you saturate the color by 10%, you get **55.1431, 0.3574, 0.5200**, and if you desaturate by 10%, it is **57.5836, 0.3514, 0.4706**.

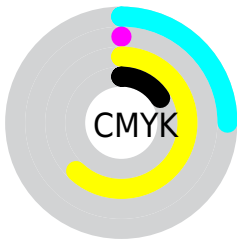
Distribution



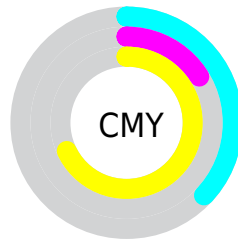
- Red (63%)
- Green (84%)
- Blue (32%)



- Red (32%)
- Yellow (84%)
- Blue (53%)



- Cyan (25%)
- Magenta (0%)
- Yellow (62%)
- Black (16%)



- Cyan (37%)
- Magenta (16%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.2794, 0.3555, 0.4969 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 56.2794, 0.3555, 0.4969 by changing the saturation by 10% instead.

■ 56.2794, 0.3555,
0.4969

■ 56.2794, 0.3555,
0.4969

410.7436, 0.3402,
0.4130

■ 40.4270, 0.3570,
0.5168

■ 99.4130, 0.3516,
0.4670

■ 27.8716, 0.3576,
0.5412

■ 127.4629, 0.3496,
0.4555

■ 18.2289, 0.3559,
0.5717

■ 160.3475, 0.3477,
0.4458

■ 11.1145, 0.3496,
0.6099

■ 198.4511, 0.3460,
0.4374

■ 6.1439, 0.3364,
0.6636

■ 242.1581, 0.3444,
0.4301

■ 2.9328, 0.2929,
0.7071

291.8529, 0.3429,

■ 1.0967, 0.0970,

0.4237

0.9030

347.9200, 0.3415,
0.4180

■ 0.0000, 0.0000,
0.0000

■ 56.2794, 0.3555,
0.4969

■ 56.2794, 0.3555,
0.4969

■ 55.1431, 0.3574,
0.5200

■ 57.5836, 0.3514,
0.4706

■ 54.1562, 0.3569,
0.5387

■ 59.0580, 0.3456,
0.4424

■ 53.3082, 0.3541,
0.5522

■ 60.7139, 0.3385,
0.4137

■ 52.6919, 0.3503,
0.5600

■ 62.5594, 0.3307,
0.3854

■ 64.6020, 0.3224,
0.3584

■ 66.8487, 0.3141,
0.3331

■ 69.3062, 0.3060,
0.3098

■ 71.9809, 0.2982,
0.2886

■ 73.5526, 0.3029,
0.2876

Harmonies

Analogous

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



56.2794, 0.4329, 0.4665



56.2794, 0.3555, 0.4969



56.2794, 0.2713, 0.4625

Triad

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



56.2794, 0.3555, 0.4969



56.2794, 0.1643, 0.2195



56.2794, 0.4272, 0.2829

Complementary

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



56.2794, 0.3555, 0.4969



16.0367, 0.2359, 0.1505

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.



56.2794, 0.3363, 0.2336



56.2794, 0.3555, 0.4969



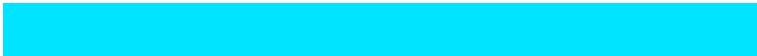
56.2794, 0.1919, 0.1971

Square

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



56.2794, 0.3555, 0.4969



56.2794, 0.1672, 0.2771



56.2794, 0.2504, 0.2033



56.2794, 0.4837, 0.3430

Rectangle

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



56.2794, 0.3555, 0.4969



56.2794, 0.2228, 0.4037



56.2794, 0.2504, 0.2033



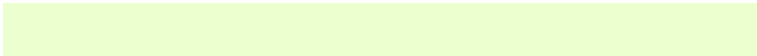
56.2794, 0.3987, 0.2648

Sweetspot

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



56.2819, 0.3555, 0.4969



93.7577, 0.3286, 0.3785



32.1749, 0.4606, 0.3912



19.8874, 0.3310, 0.3865



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.



56.2819, 0.3555, 0.4969



81.5268, 0.3575, 0.5262



51.1488, 0.3102, 0.5235



14.2597, 0.3205, 0.3525



31.9079, 0.3513, 0.5593



1.9722, 0.3629, 0.5501

Inverse Universe

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



16.0367, 0.2359, 0.1505



16.9094, 0.2161, 0.1172



23.2766, 0.3049, 0.1811



12.2496, 0.3044, 0.3053



4.1856, 0.1853, 0.0794



0.3000, 0.2050, 0.0903

Previews

White Background



This preview shows how the Yxy color 56.2794, 0.3555, 0.4969 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 56.2794, 0.3555, 0.4969 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 56.2794, 0.3555, 0.4969

Background



This preview shows how black text looks on a background with the Yxy color 56.2794, 0.3555, 0.4969.



This preview shows how white text looks on a background with the Yxy color 56.2794, 0.3555, 0.4969.

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

56.2794, 0.3555, 0.4969

Protanopia

55.6840, 0.4180, 0.4579

Deuteranopia

55.5119, 0.4385, 0.4276



Tritanopia

56.1961, 0.2854, 0.3106

Trichromacy



Original Color

56.2794, 0.3555, 0.4969

Protanomaly

55.4185, 0.3946, 0.4721

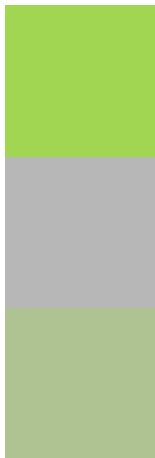
Deuteranomaly

54.9168, 0.4072, 0.4526

Tritanomaly

55.7033, 0.3141, 0.3798

Monochromacy



Original Color

56.2794, 0.3555, 0.4969

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

49.7729, 0.3332, 0.3934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2794, 0.3555, 0.4969 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(161, 214, 82)` looks like.

```
.text, #text, p{  
    color:rgb(161, 214, 82)  
}
```

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(161, 214, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 214, 82) }
```

Border

The CSS property to change the border of an element to Yxy 56.2794, 0.3555, 0.4969 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(161, 214, 82) }
```

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

```
.border{ border-color:rgb(161, 214, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 214, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 214, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 214, 82);  
box-shadow:4px 4px 4px 4px rgb(161, 214,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2794, 0.3555, 0.4969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 214, 82) }
```

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

```
.background{ background-color: rgb(161,  
214, 82) }
```

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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