

Converting Colors

$Y_{xy}(35.6455, 0.2998, 0.3554)$

Have a look what the booklet for
Yxy(35.6455, 0.2998, 0.3554)
contains.

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Color

Yxy(35.6429, 0.2998, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	8AA897
RGB	138, 168, 151
RGB Percent	54%, 66%, 59%
CMY	0.4589, 0.3411, 0.4078
CMYK	0.18, 0.00, 0.10, 0.34
HSL	146°, 15%, 60%
HSV	146°, 18%, 66%
XYZ	30.0668, 35.6429, 34.5798
YIQ	157.0920, -12.4230, -11.6470

Conversions

Conversions Part 2

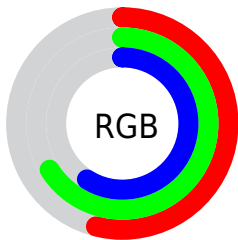
Format	Color
RYB	138, 159, 168
Decimal	9087127
CIELab	66.25, -13.82, 5.35
CIELCh	66, 14.824, 158.842
Yxy	35.6429, 0.2998, 0.3554
Android (android.graphics.Color)	4287277207 (0xFF8AA897)
YUV	157.0920, -3.0034, -16.7437
Hunter-Lab	59.7017, -14.5822, 7.4498

Details

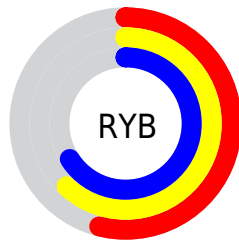
The Yxy color $35.6429, 0.2998, 0.3554$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $28.8592, 0.3281, 0.3040$, and the grayscale version is $33.7771, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.3896, 0.3027, 0.3500$, and $15.4856, 0.2962, 0.3649$ is the 20% darker color. If you saturate the color by 10%, you get $34.0244, 0.2930, 0.3725$, and if you desaturate by 10%, it is $37.5110, 0.3070, 0.3400$.

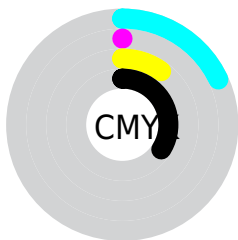
Distribution



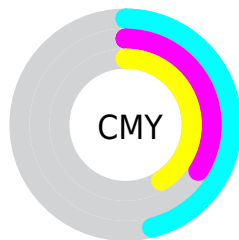
- Red (54%)
- Green (66%)
- Blue (59%)



- Red (54%)
- Yellow (62%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (10%)
- Black (34%)





- Cyan (46%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6429, 0.2998, 0.3554 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 35.6429, 0.2998, 0.3554 by changing the saturation by 10% instead.


 35.6429, 0.2998,
0.3554


 35.6429, 0.2998,
0.3554


327.3970, 0.3067,
0.3414


 24.1585, 0.2979,
0.3592


 68.4805, 0.3024,
0.3501

 15.4513, 0.2954,
0.3643


 90.6026, 0.3033,
0.3482

 9.1367, 0.2920,
0.3715


 117.0393, 0.3041,
0.3465

 4.8305, 0.2867,
0.3822

148.1751, 0.3048,
0.3452

 2.1481, 0.2779,
0.4003

184.3944, 0.3054,
0.3440

 0.6915, 0.2300,
0.4974


226.0816, 0.3059,


 0.0000, 0.0000,


0.3430


0.0000


273.6210, 0.3063,
0.3421

 35.6429, 0.2998,
0.3554


 35.6429, 0.2998,
0.3554


 34.0244, 0.2930,
0.3725


 37.5110, 0.3070,
0.3400


 32.6401, 0.2867,
0.3912


 39.6342, 0.3143,
0.3262

 31.4802, 0.2814,
0.4113

 42.0236, 0.3215,
0.3140

 30.5319, 0.2772,
0.4326

 44.6881, 0.3286,
0.3033

 29.7815, 0.2746,
0.4544

 47.6363, 0.3355,
0.2939

■ 29.2133, 0.2737,
0.4762

■ 50.8764, 0.3420,
0.2857

■ 28.8092, 0.2748,
0.4972

■ 54.3069, 0.3478,
0.2784

■ 28.5397, 0.2774,
0.5169

■ 54.8175, 0.3395,
0.2693

■ 28.4896, 0.2780,
0.5209

■ 55.3570, 0.3315,
0.2604

Harmonies

Analogous

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



35.6429, 0.3225, 0.3674



35.6429, 0.2998, 0.3554



35.6429, 0.2811, 0.3356

Triad

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



35.6429, 0.2998, 0.3554



35.6429, 0.2824, 0.2914



35.6429, 0.3565, 0.3407

Complementary

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



35.6429, 0.2998, 0.3554



28.8592, 0.3281, 0.3040

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.



35.6429, 0.3450, 0.3215



35.6429, 0.2998, 0.3554



35.6429, 0.3017, 0.2937

Square

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



35.6429, 0.2998, 0.3554



35.6429, 0.2713, 0.2987



35.6429, 0.3247, 0.3046



35.6429, 0.3557, 0.3578

Rectangle

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



35.6429, 0.2998, 0.3554



35.6429, 0.2731, 0.3214



35.6429, 0.3247, 0.3046



35.6429, 0.3540, 0.3343

Sweetspot

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



35.6444, 0.2998, 0.3554



69.0873, 0.3090, 0.3360



36.8107, 0.3264, 0.3742



15.0034, 0.3085, 0.3369



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



35.6444, 0.2998, 0.3554



63.5935, 0.2974, 0.3612



36.1629, 0.2879, 0.3320



8.4598, 0.3060, 0.3421



21.5213, 0.2775, 0.5191



0.5340, 0.2589, 0.4521

Inverse Universe

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



28.8592, 0.3281, 0.3040



49.2260, 0.3317, 0.2989



28.3865, 0.3442, 0.3261



7.6107, 0.3201, 0.3163



6.9214, 0.4651, 0.2336



0.1784, 0.4060, 0.2010

Previews

White Background



This preview shows how the Yxy color 35.6429, 0.2998, 0.3554 looks on a white background.

Color Contrast Check

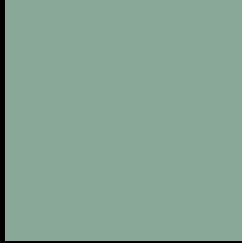
Large Text (above 18pt) WCAG AA × Fail

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 35.6429, 0.2998, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

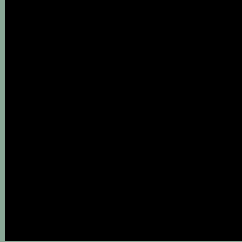
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

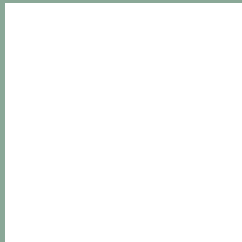
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6429, 0.2998, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 35.6429, 0.2998, 0.3554.



This preview shows how white text looks on a background with the Yxy color 35.6429, 0.2998, 0.3554.

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

35.6429, 0.2998, 0.3554

Protanopia

35.4637, 0.3314, 0.3480

Deuteranopia

35.3595, 0.3378, 0.3305



Tritanopia

35.5649, 0.2833, 0.3097

Trichromacy



Original Color

35.6429, 0.2998, 0.3554

Protanomaly

35.4004, 0.3193, 0.3515

Deuteranomaly

35.3340, 0.3229, 0.3393

Tritanomaly

35.4001, 0.2887, 0.3244

Monochromacy



Original Color

35.6429, 0.2998, 0.3554

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.3403, 0.3076, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6429, 0.2998, 0.3554 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(138, 168, 151)` looks like.

```
.text, #text, p{  
    color:rgb(138, 168, 151)  
}
```

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(138, 168, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 168, 151) }
```

Border

The CSS property to change the border of an element to Yxy 35.6429, 0.2998, 0.3554 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(138, 168, 151) }
```

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

```
.border{ border-color:rgb(138, 168, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 168, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 168, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 168, 151);  
box-shadow:4px 4px 4px 4px rgb(138, 168,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6429, 0.2998, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 168, 151) }
```

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

```
.background{ background-color: rgb(138,  
168, 151) }
```

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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