

Converting Colors

$Yxy(35.5600, 0.3087, 0.3537)$

Have a look what the booklet for
Yxy(35.5600, 0.3087, 0.3537)
contains.

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Color

Yxy(35.6775, 0.3088, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	93A696
RGB	147, 166, 150
RGB Percent	58%, 65%, 59%
CMY	0.4235, 0.3490, 0.4117
CMYK	0.11, 0.00, 0.10, 0.35
HSL	130°, 10%, 61%
HSV	130°, 11%, 65%
XYZ	31.1749, 35.6775, 34.1026
YIQ	158.4950, -6.1880, -9.0040

Conversions

Conversions Part 2

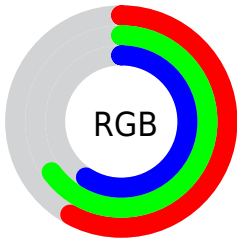
Format	Color
RYB	147, 163, 166
Decimal	9676438
CIELab	66.27, -9.80, 6.03
CIELCh	66, 11.508, 148.420
Yxy	35.6775, 0.3088, 0.3534
Android (android.graphics.Color)	4287866518 (0xFF93A696)
YUV	158.4950, -4.1880, -10.0811
Hunter-Lab	59.7306, -11.3650, 7.9604

Details

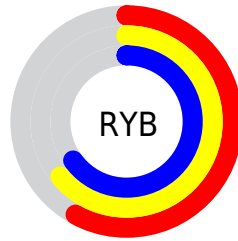
The Yxy color $35.6775, 0.3088, 0.3534$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $31.6197, 0.3169, 0.3058$, and the grayscale version is $34.4514, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.4900, 0.3097, 0.3486$, and $15.4223, 0.3073, 0.3620$ is the 20% darker color. If you saturate the color by 10%, you get $33.8298, 0.3053, 0.3777$, and if you desaturate by 10%, it is $37.8034, 0.3122, 0.3319$.

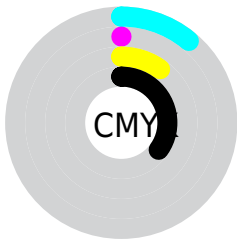
Distribution



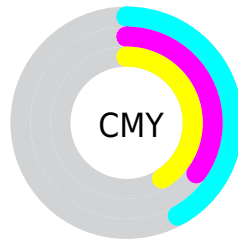
- Red (58%)
- Green (65%)
- Blue (59%)



- Red (58%)
- Yellow (64%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)




- Cyan (42%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6775, 0.3088, 0.3534 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 35.6775, 0.3088, 0.3534 by changing the saturation by 10% instead.


 35.6775, 0.3088,
0.3534


 35.6775, 0.3088,
0.3534


327.5488, 0.3109,
0.3405

 24.1852, 0.3082,
0.3569


 68.5340, 0.3096,
0.3485

 15.4711, 0.3074,
0.3616


 90.6670, 0.3099,
0.3467

 9.1507, 0.3062,
0.3681


117.1157, 0.3102,
0.3452

 4.8396, 0.3043,
0.3780

148.2646, 0.3104,
0.3440

 2.1535, 0.3011,
0.3944

184.4979, 0.3106,
0.3429

 0.6944, 0.2902,
0.4790

226.2001, 0.3107,

 0.0000, 0.0000,

0.3420

0.0000

273.7556, 0.3108,
0.3412

■ 35.6775, 0.3088,
0.3534

■ 35.6775, 0.3088,
0.3534

■ 33.8298, 0.3053,
0.3777

■ 37.8034, 0.3122,
0.3319

■ 32.2444, 0.3020,
0.4046

■ 40.2135, 0.3155,
0.3130

■ 30.9107, 0.2989,
0.4337

■ 42.9195, 0.3187,
0.2966

■ 29.8156, 0.2962,
0.4643

■ 45.9309, 0.3216,
0.2823

■ 28.9449, 0.2943,
0.4952

■ 49.2570, 0.3243,
0.2700

■ 28.2828, 0.2934,
0.5246

■ 52.9065, 0.3269,
0.2593

■ 27.8114, 0.2935,
0.5508

■ 55.2984, 0.3225,
0.2484

■ 27.5098, 0.2947,
0.5719

■ 55.7533, 0.3168,
0.2422

■ 27.3492, 0.2959,
0.5854

Harmonies

Analogous

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



35.6775, 0.3264, 0.3598



35.6775, 0.3088, 0.3534



35.6775, 0.2926, 0.3398

Triad

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



35.6775, 0.3088, 0.3534



35.6775, 0.2852, 0.3009



35.6775, 0.3445, 0.3331

Complementary

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



35.6775, 0.3088, 0.3534



31.6197, 0.3169, 0.3058

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.



35.6775, 0.3329, 0.3183



35.6775, 0.3088, 0.3534



35.6775, 0.2985, 0.2999

Square

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



35.6775, 0.3088, 0.3534



35.6775, 0.2792, 0.3093



35.6775, 0.3159, 0.3063



35.6775, 0.3474, 0.3475

Rectangle

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



35.6775, 0.3088, 0.3534



35.6775, 0.2846, 0.3289



35.6775, 0.3159, 0.3063



35.6775, 0.3415, 0.3281

Sweetspot

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



35.6790, 0.3088, 0.3534



67.9520, 0.3117, 0.3352



37.1826, 0.3266, 0.3568



15.1355, 0.3114, 0.3368



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.



35.6790, 0.3088, 0.3534



63.7578, 0.3078, 0.3600



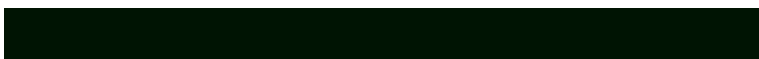
35.9920, 0.3010, 0.3390



8.4264, 0.3095, 0.3485



21.2121, 0.2956, 0.5842



0.5216, 0.2819, 0.5347

Inverse Universe

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



31.6197, 0.3169, 0.3058



54.7527, 0.3180, 0.2999



31.2972, 0.3260, 0.3192



7.6459, 0.3161, 0.3102



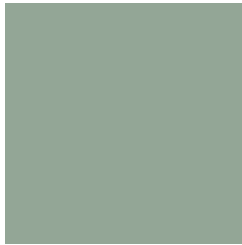
7.7536, 0.3646, 0.1782



0.1940, 0.3481, 0.1691

Previews

White Background



This preview shows how the Yxy color 35.6775, 0.3088, 0.3534 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 35.6775, 0.3088, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

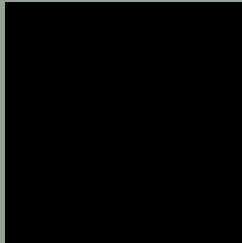
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

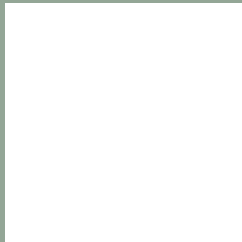
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.6775, 0.3088, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 35.6775, 0.3088, 0.3534.



This preview shows how white text looks on a background with the Yxy color 35.6775, 0.3088, 0.3534.

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

35.6775, 0.3088, 0.3534

Protanopia

35.4637, 0.3314, 0.3480

Deuteranopia

35.4130, 0.3408, 0.3333



Tritanopia

35.5151, 0.2917, 0.3099

Trichromacy



Original Color

35.6775, 0.3088, 0.3534

Protanomaly

35.4524, 0.3233, 0.3498

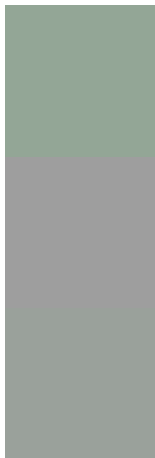
Deuteranomaly

35.3555, 0.3289, 0.3406

Tritanomaly

35.4316, 0.2982, 0.3245

Monochromacy



Original Color

35.6775, 0.3088, 0.3534

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.7263, 0.3113, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6775, 0.3088, 0.3534 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(147, 166, 150)` looks like.

```
.text, #text, p{  
    color:rgb(147, 166, 150)  
}
```

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(147, 166, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 166, 150) }
```

Border

The CSS property to change the border of an element to Yxy 35.6775, 0.3088, 0.3534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

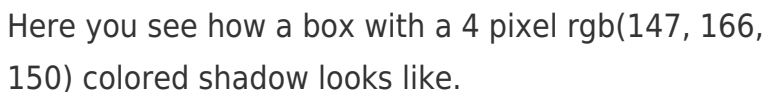
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 166, 150) }
```

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

```
.border{ border-color:rgb(147, 166, 150) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 166, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 166, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 166, 150);  
box-shadow:4px 4px 4px 4px rgb(147, 166,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6775, 0.3088, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 166, 150) }
```

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

```
.background{ background-color: rgb(147,  
166, 150) }
```

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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