

Converting Colors

$Y_{xy}(35.5333, 0.3062, 0.3732)$

Have a look what the booklet for
Yxy(35.5333, 0.3062, 0.3732)
contains.

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Color

Yxy(35.5333, 0.3062, 0.3732)

Conversions

Conversions Part 1

Format	Color
Hex	88A98D
RGB	136, 169, 141
RGB Percent	53%, 66%, 55%
CMY	0.4665, 0.3373, 0.4470
CMYK	0.20, 0.00, 0.17, 0.34
HSL	129°, 16%, 60%
HSV	129°, 20%, 66%
XYZ	29.1541, 35.5333, 30.5251
YIQ	155.9410, -10.6800, -15.7040

Conversions

Conversions Part 2

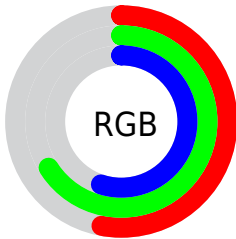
Format	Color
RYB	136, 165, 169
Decimal	8956301
CIELab	66.16, -16.94, 10.76
CIElCh	66, 20.072, 147.579
Yxy	35.5333, 0.3062, 0.3732
Android (android.graphics.Color)	4287146381 (0xFF88A98D)
YUV	155.9410, -7.3659, -17.4883
Hunter-Lab	59.6098, -17.0161, 11.3655

Details

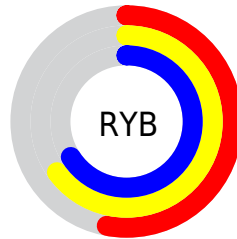
The Yxy color **35.5333, 0.3062, 0.3732** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **28.7345, 0.3200, 0.2885**, and the grayscale version is **33.2590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1986, 0.3076, 0.3634**, and **15.4563, 0.3038, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **33.8292, 0.3029, 0.3999**, and if you desaturate by 10%, it is **37.5189, 0.3096, 0.3492**.

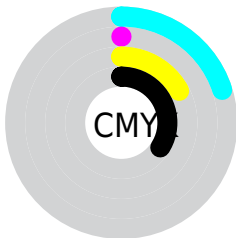
Distribution



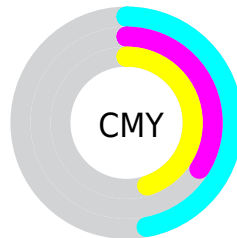
- Red (53%)
- Green (66%)
- Blue (55%)



- Red (53%)
- Yellow (65%)
- Blue (66%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (34%)





- Cyan (47%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.5333, 0.3062, 0.3732 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 35.5333, 0.3062, 0.3732 by changing the saturation by 10% instead.


 35.5333, 0.3062,
0.3732


 35.5333, 0.3062,
0.3732


326.9161, 0.3099,
0.3495

 24.0740, 0.3051,
0.3797


 68.3111, 0.3077,
0.3641

 15.3885, 0.3035,
0.3885


 90.3984, 0.3082,
0.3609

 9.0925, 0.3012,
0.4009


 116.7971, 0.3086,
0.3582

 4.8016, 0.2975,
0.4198

147.8917, 0.3090,
0.3559

 2.1313, 0.2905,
0.4519

184.0664, 0.3093,
0.3539

 0.6821, 0.2560,
0.7440

225.7058, 0.3095,

 0.0000, 0.0000,

0.3522

0.0000

273.1942, 0.3097,
0.3508

■ 35.5333, 0.3062,
0.3732

■ 35.5333, 0.3062,
0.3732

■ 33.8292, 0.3029,
0.3999

■ 37.5189, 0.3096,
0.3492

■ 32.3896, 0.2998,
0.4290

■ 39.7931, 0.3129,
0.3280

■ 31.2023, 0.2971,
0.4597

■ 42.3687, 0.3161,
0.3094

■ 30.2529, 0.2951,
0.4909

■ 45.2560, 0.3191,
0.2933

■ 29.5249, 0.2940,
0.5209

■ 48.4651, 0.3218,
0.2793

■ 29.0001, 0.2938,
0.5478

■ 52.0054, 0.3244,
0.2672

■ 28.6572, 0.2948,
0.5698

■ 55.8861, 0.3268,
0.2568

■ 28.4550, 0.2962,
0.5859

■ 56.8540, 0.3167,
0.2450

■ 28.4463, 0.2963,
0.5866

Harmonies

Analogous

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



35.5333, 0.3368, 0.3838



35.5333, 0.3062, 0.3732



35.5333, 0.2783, 0.3488

Triad

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



35.5333, 0.3062, 0.3732



35.5333, 0.2648, 0.2806



35.5333, 0.3683, 0.3345

Complementary

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



35.5333, 0.3062, 0.3732



28.7345, 0.3200, 0.2885

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.



35.5333, 0.3472, 0.3096



35.5333, 0.3062, 0.3732



35.5333, 0.2869, 0.2793

Square

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



35.5333, 0.3062, 0.3732



35.5333, 0.2552, 0.2946



35.5333, 0.3170, 0.2899



35.5333, 0.3736, 0.3594

Rectangle

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



35.5333, 0.3062, 0.3732



35.5333, 0.2647, 0.3290



35.5333, 0.3170, 0.2899



35.5333, 0.3628, 0.3260

Sweetspot

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



35.5348, 0.3062, 0.3732



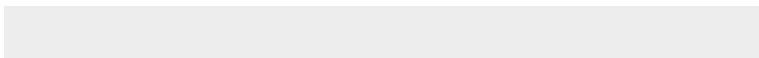
68.5222, 0.3107, 0.3417



38.0506, 0.3366, 0.3772



14.8817, 0.3105, 0.3430



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.



35.5348, 0.3062, 0.3732



62.3927, 0.3049, 0.3833



36.0614, 0.2930, 0.3468



8.4255, 0.3096, 0.3487



21.2076, 0.2959, 0.5853



0.5213, 0.2826, 0.5374

Inverse Universe

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



28.7345, 0.3200, 0.2885



48.1687, 0.3217, 0.2801



28.1780, 0.3374, 0.3119



7.6469, 0.3159, 0.3100



7.7822, 0.3623, 0.1770



0.1944, 0.3467, 0.1684

Previews

White Background



This preview shows how the Yxy color 35.5333, 0.3062, 0.3732 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 35.5333, 0.3062, 0.3732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

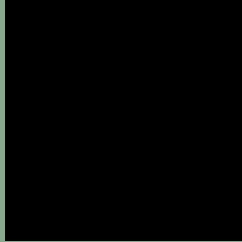
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5333, 0.3062, 0.3732

Background



This preview shows how black text looks on a background with the Yxy color 35.5333, 0.3062, 0.3732.



This preview shows how white text looks on a background with the Yxy color 35.5333, 0.3062, 0.3732.

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

35.5333, 0.3062, 0.3732

Protanopia

35.3542, 0.3438, 0.3641

Deuteranopia

35.4014, 0.3508, 0.3445



Tritanopia

35.4760, 0.2825, 0.3096

Trichromacy



Original Color

35.5333, 0.3062, 0.3732

Protanomaly

35.1975, 0.3292, 0.3668

Deuteranomaly

35.1241, 0.3331, 0.3541

Tritanomaly

35.5282, 0.2911, 0.3320

Monochromacy



Original Color

35.5333, 0.3062, 0.3732

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.1137, 0.3101, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5333, 0.3062, 0.3732 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(136, 169, 141)` looks like.

```
.text, #text, p{  
    color:rgb(136, 169, 141)  
}
```

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(136, 169, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 169, 141) }
```

Border

The CSS property to change the border of an element to Yxy 35.5333, 0.3062, 0.3732 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(136, 169, 141) }
```

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

```
.border{ border-color:rgb(136, 169, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 169, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 169, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 169, 141); box-shadow:4px 4px 4px 4px rgb(136, 169, 141) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5333, 0.3062, 0.3732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 169, 141) }
```

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

```
.background{ background-color: rgb(136,  
169, 141) }
```

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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