

Converting Colors

$Yxy(35.1122, 0.3077, 0.3677)$

Have a look what the booklet for
Yxy(35.1122, 0.3077, 0.3677)
contains.

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Color

Yxy(35.0794, 0.3081, 0.3683)

Conversions

Conversions Part 1

Format	Color
Hex	8BA78E
RGB	139, 167, 142
RGB Percent	55%, 65%, 56%
CMY	0.4550, 0.3451, 0.4431
CMYK	0.17, 0.00, 0.15, 0.35
HSL	127°, 14%, 60%
HSV	127°, 17%, 65%
XYZ	29.3455, 35.0794, 30.8219
YIQ	155.7780, -8.6630, -13.7110

Conversions

Conversions Part 2

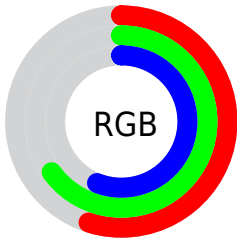
Format	Color
RYB	139, 164, 167
Decimal	9152398
CIELab	65.81, -14.69, 9.73
CIELCh	66, 17.624, 146.478
Yxy	35.0794, 0.3081, 0.3683
Android (android.graphics.Color)	4287342478 (0xFF8BA78E)
YUV	155.7780, -6.7926, -14.7143
Hunter-Lab	59.2279, -15.2076, 10.6053

Details

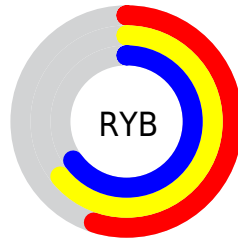
The Yxy color **35.0794, 0.3081, 0.3683** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.3515, 0.3177, 0.2926**, and the grayscale version is **33.1740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5655, 0.3092, 0.3597**, and **15.1580, 0.3065, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **33.3340, 0.3053, 0.3956**, and if you desaturate by 10%, it is **37.1071, 0.3109, 0.3439**.

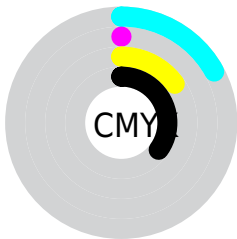
Distribution



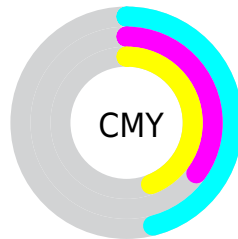
- Red (55%)
- Green (65%)
- Blue (56%)



- Red (55%)
- Yellow (64%)
- Blue (65%)



- Cyan (17%)
- Magenta (0%)
- Yellow (15%)
- Black (35%)





- Cyan (46%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0794, 0.3081, 0.3683 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 35.0794, 0.3081, 0.3683 by changing the saturation by 10% instead.


 35.0794, 0.3081,
0.3683


 35.0794, 0.3081,
0.3683


324.9187, 0.3108,
0.3472


 23.7240, 0.3073,
0.3741


 67.6088, 0.3092,
0.3603

 15.1290, 0.3062,
0.3819


 89.5515, 0.3095,
0.3574

 8.9100, 0.3045,
0.3929


 115.7923, 0.3098,
0.3550

 4.6825, 0.3017,
0.4096

146.7153, 0.3101,
0.3529

 2.0622, 0.2964,
0.4381

182.7051, 0.3103,
0.3512

 0.6433, 0.2759,
0.7023

224.1460, 0.3105,

 0.0000, 0.0000,

0.3497

0.0000

271.4224, 0.3106,
0.3484

■ 35.0794, 0.3081,
0.3683

■ 35.0794, 0.3081,
0.3683

■ 33.3340, 0.3053,
0.3956

■ 37.1071, 0.3109,
0.3439

■ 31.8542, 0.3026,
0.4255

■ 39.4241, 0.3136,
0.3224

■ 30.6282, 0.3001,
0.4573

■ 42.0429, 0.3161,
0.3037

■ 29.6417, 0.2981,
0.4896

■ 44.9737, 0.3184,
0.2875

■ 28.8789, 0.2968,
0.5209

■ 48.2263, 0.3206,
0.2735

■ 28.3222, 0.2962,
0.5489

■ 51.8102, 0.3226,
0.2614

■ 27.9512, 0.2965,
0.5716

■ 55.5680, 0.3237,
0.2508

■ 27.7374, 0.2975,
0.5877

■ 56.1212, 0.3167,
0.2431

■ 27.6854, 0.2976,
0.5915

Harmonies

Analogous

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



35.0794, 0.3351, 0.3772



35.0794, 0.3081, 0.3683



35.0794, 0.2831, 0.3473

Triad

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



35.0794, 0.3081, 0.3683



35.0794, 0.2698, 0.2865



35.0794, 0.3612, 0.3333

Complementary

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



35.0794, 0.3081, 0.3683



29.3515, 0.3177, 0.2926

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.



35.0794, 0.3422, 0.3111



35.0794, 0.3081, 0.3683



35.0794, 0.2891, 0.2847

Square

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



35.0794, 0.3081, 0.3683



35.0794, 0.2617, 0.2994



35.0794, 0.3156, 0.2937



35.0794, 0.3665, 0.3553

Rectangle

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



35.0794, 0.3081, 0.3683



35.0794, 0.2708, 0.3301



35.0794, 0.3156, 0.2937



35.0794, 0.3562, 0.3256

Sweetspot

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



35.0809, 0.3081, 0.3683



67.1157, 0.3113, 0.3400



37.4187, 0.3346, 0.3701



14.9594, 0.3112, 0.3416



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.



35.0809, 0.3081, 0.3683



61.6458, 0.3071, 0.3777



35.5207, 0.2968, 0.3463



8.4205, 0.3102, 0.3497



21.1861, 0.2974, 0.5906



0.5194, 0.2871, 0.5534

Inverse Universe

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



29.3515, 0.3177, 0.2926



49.5095, 0.3189, 0.2847



28.8805, 0.3319, 0.3124



7.6524, 0.3153, 0.3091



7.9475, 0.3498, 0.1701



0.1972, 0.3391, 0.1642

Previews

White Background



This preview shows how the Yxy color 35.0794, 0.3081, 0.3683 looks on a white background.

Color Contrast Check

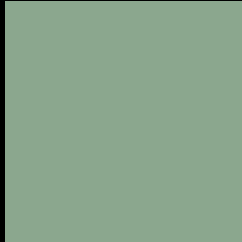
Large Text (above 18pt) WCAG AA × Fail

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 35.0794, 0.3081, 0.3683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

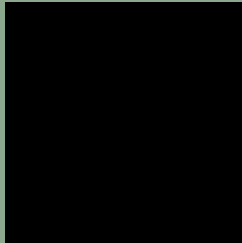
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0794, 0.3081, 0.3683

Background



This preview shows how black text looks on a background with the Yxy color 35.0794, 0.3081, 0.3683.



This preview shows how white text looks on a background with the Yxy color 35.0794, 0.3081, 0.3683.

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

35.0794, 0.3081, 0.3683

Protanopia

34.8467, 0.3401, 0.3600

Deuteranopia

34.8588, 0.3480, 0.3418



Tritanopia

34.9555, 0.2864, 0.3096

Trichromacy



Original Color

35.0794, 0.3081, 0.3683

Protanomaly

34.8728, 0.3285, 0.3638

Deuteranomaly

34.8092, 0.3324, 0.3512

Tritanomaly

35.0349, 0.2944, 0.3305

Monochromacy



Original Color

35.0794, 0.3081, 0.3683

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.8600, 0.3111, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0794, 0.3081, 0.3683 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(139, 167, 142)` looks like.

```
.text, #text, p{  
    color:rgb(139, 167, 142)  
}
```

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(139, 167, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 167, 142) }
```

Border

The CSS property to change the border of an element to Yxy 35.0794, 0.3081, 0.3683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

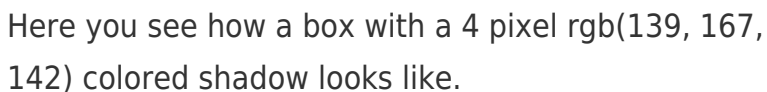
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(139, 167, 142) }
```

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

```
.border{ border-color:rgb(139, 167, 142) }
```

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



Here you see how a box with a 4 pixel `rgb(139, 167, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 167, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 167, 142);  
box-shadow:4px 4px 4px 4px rgb(139, 167,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0794, 0.3081, 0.3683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 167, 142) }
```

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

```
.background{ background-color: rgb(139,  
167, 142) }
```

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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