

Converting Colors

Yxy(36.9185, 0.3143, 0.4194)

Have a look what the booklet for
Yxy(36.9185, 0.3143, 0.4194)
contains.

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Color

Yxy(36.9188, 0.3143, 0.4194)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7FB078 |
| RGB | 127, 176, 120 |
| RGB Percent | 50%, 69%, 47% |
| CMY | 0.5020, 0.3098, 0.5293 |
| CMYK | 0.28, 0.00, 0.32, 0.31 |
| HSL | 113°, 26%, 58% |
| HSV | 113°, 32%, 69% |
| XYZ | 27.6671, 36.9188, 23.4418 |
| YIQ | 154.9650, -11.2280, -27.8040 |

Conversions

Conversions Part 2

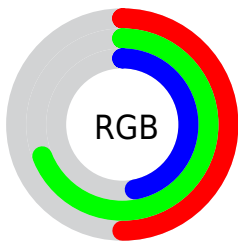
| Format | Color |
|-------------------------------------|--|
| RYB | 120, 176, 169 |
| Decimal | 8368248 |
| CIELab | 67.22, -27.32, 23.61 |
| CIELCh | 67, 36.107, 139.171 |
| Yxy | 36.9188, 0.3143, 0.4194 |
| Android (android.graphics.Color) | 4286558328 (0xFF7FB078) |
| YUV | 154.9650, -17.2377, -24.5253 |
| Hunter-Lab | 60.7608, -25.0525, 19.6583 |

Details

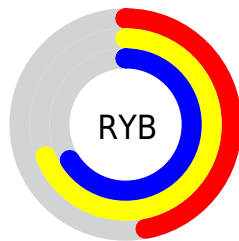
The Yxy color **36.9188, 0.3143, 0.4194** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.0106, 0.3086, 0.2496**, and the grayscale version is **32.8436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5541, 0.3147, 0.4003**, and **16.1573, 0.3125, 0.4507** is the 20% darker color. If you saturate the color by 10%, you get **35.4376, 0.3141, 0.4530**, and if you desaturate by 10%, it is **38.6627, 0.3141, 0.3879**.

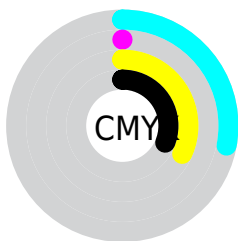
Distribution



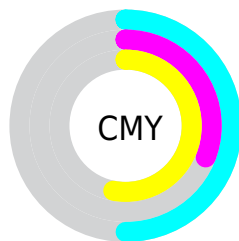
- Red (50%)
- Green (69%)
- Blue (47%)



- Red (47%)
- Yellow (69%)
- Blue (66%)



- Cyan (28%)
- Magenta (0%)
- Yellow (32%)
- Black (31%)





- Cyan (50%)
- Magenta (31%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9188, 0.3143, 0.4194 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 36.9188, 0.3143, 0.4194 by changing the saturation by 10% instead.


 36.9188, 0.3143,
0.4194


 36.9188, 0.3143,
0.4194


332.9588, 0.3147,
0.3703

 25.1446, 0.3137,
0.4330


 70.4479, 0.3148,
0.4006

 16.1848, 0.3124,
0.4513


 92.9716, 0.3149,
0.3938

 9.6550, 0.3100,
0.4772


 119.8472, 0.3149,
0.3882

 5.1708, 0.3048,
0.5161

151.4593, 0.3149,
0.3835

 2.3479, 0.2989,
0.5936

188.1920, 0.3149,
0.3795

 0.7989, 0.1036,
0.8964

230.4300, 0.3148,

 0.0000, 0.0000,

0.3760

0.0000

278.5574, 0.3148,
0.3730

■ 36.9188, 0.3143,
0.4194

■ 36.9188, 0.3143,
0.4194

■ 35.4376, 0.3141,
0.4530

■ 38.6627, 0.3141,
0.3879

■ 34.2018, 0.3134,
0.4872

■ 40.6762, 0.3136,
0.3591

■ 33.1994, 0.3121,
0.5202


■ 42.9717, 0.3129,
0.3333


■ 32.4156, 0.3102,
0.5496


■ 45.5597, 0.3120,
0.3107


■ 31.8338, 0.3079,
0.5731

■ 48.4500, 0.3111,
0.2908


 31.4349, 0.3052,
0.5891

 51.6519, 0.3102,
0.2736

 31.2225, 0.3033,
0.5973

 55.1743, 0.3092,
0.2587

 58.6452, 0.3126,
0.2508

 59.5329, 0.3163,
0.2517

Harmonies

Analogous

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



36.9188, 0.3670, 0.4271



36.9188, 0.3143, 0.4194



36.9188, 0.2637, 0.3792

Triad

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



36.9188, 0.3143, 0.4194



36.9188, 0.2238, 0.2494



36.9188, 0.4041, 0.3238

Complementary

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



36.9188, 0.3143, 0.4194



25.0106, 0.3086, 0.2496

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.



36.9188, 0.3591, 0.2847



36.9188, 0.3143, 0.4194



36.9188, 0.2548, 0.2432

Square

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



36.9188, 0.3143, 0.4194



36.9188, 0.2145, 0.2769



36.9188, 0.3034, 0.2561



36.9188, 0.4218, 0.3665

Rectangle

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



36.9188, 0.3143, 0.4194



36.9188, 0.2378, 0.3425



36.9188, 0.3034, 0.2561



36.9188, 0.3915, 0.3100

Sweetspot

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



36.9204, 0.3143, 0.4194



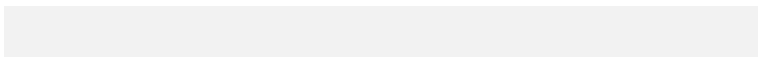
74.4135, 0.3135, 0.3546



38.7925, 0.3627, 0.3975



16.0092, 0.3136, 0.3583



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.9204, 0.3143, 0.4194



65.0641, 0.3142, 0.4423



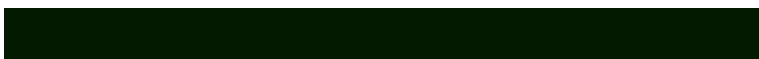
36.9567, 0.2931, 0.3862



9.5391, 0.3134, 0.3524



22.9214, 0.3037, 0.5970



0.7373, 0.3168, 0.5867

Inverse Universe

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



25.0106, 0.3086, 0.2496



40.1222, 0.3073, 0.2325



25.0502, 0.3395, 0.2781



8.5920, 0.3118, 0.3064



7.3643, 0.2901, 0.1372



0.2467, 0.2993, 0.1422

Previews

White Background



This preview shows how the Yxy color 36.9188, 0.3143, 0.4194 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 36.9188, 0.3143, 0.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

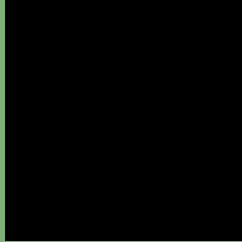
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9188, 0.3143, 0.4194

Background



This preview shows how black text looks on a background with the Yxy color 36.9188, 0.3143, 0.4194.



This preview shows how white text looks on a background with the Yxy color 36.9188, 0.3143, 0.4194.

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

36.9188, 0.3143, 0.4194

Protanopia

36.6394, 0.3705, 0.3988

Deuteranopia

36.4386, 0.3809, 0.3724



Tritanopia

36.7859, 0.2759, 0.3083

Trichromacy



Original Color

36.9188, 0.3143, 0.4194

Protanomaly

36.5353, 0.3484, 0.4072

Deuteranomaly

35.9493, 0.3540, 0.3877

Tritanomaly

36.6974, 0.2902, 0.3475

Monochromacy



Original Color

36.9188, 0.3143, 0.4194

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.1671, 0.3140, 0.3618

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9188, 0.3143, 0.4194 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(127, 176, 120)` looks like.

```
.text, #text, p{  
    color:rgb(127, 176, 120)  
}
```

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(127, 176, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 176, 120) }
```

Border

The CSS property to change the border of an element to Yxy 36.9188, 0.3143, 0.4194 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(127, 176, 120) }
```

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

```
.border{ border-color:rgb(127, 176, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 176, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 176, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 176, 120);  
box-shadow:4px 4px 4px 4px rgb(127, 176,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9188, 0.3143, 0.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 176, 120) }
```

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

```
.background{ background-color: rgb(127,  
176, 120) }
```

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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