

Converting Colors

$Yxy(36.1980, 0.2881, 0.3976)$

Have a look what the booklet for
Yxy(36.1980, 0.2881, 0.3976)
contains.

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Color

Yxy(35.9881, 0.2880, 0.3974)

Conversions

Conversions Part 1

Format	Color
Hex	6CB087
RGB	108, 176, 135
RGB Percent	42%, 69%, 53%
CMY	0.5765, 0.3098, 0.4706
CMYK	0.39, 0.00, 0.23, 0.31
HSL	144°, 30%, 56%
HSV	144°, 39%, 69%
XYZ	26.0810, 35.9881, 28.4898
YIQ	150.9940, -27.3670, -27.1670

Conversions

Conversions Part 2

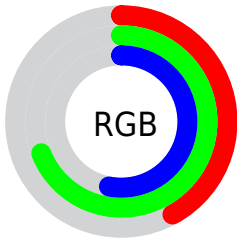
Format	Color
RYB	108, 157, 176
Decimal	7123079
CIELab	66.51, -30.74, 14.34
CIELCh	67, 33.919, 154.991
Yxy	35.9881, 0.2880, 0.3974
Android (android.graphics.Color)	4285313159 (0xFF6CB087)
YUV	150.9940, -7.8850, -37.7057
Hunter-Lab	59.9901, -27.3790, 13.8357

Details

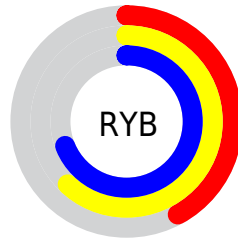
The Yxy color **35.9881, 0.2880, 0.3974** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.1231, 0.3499, 0.2698**, and the grayscale version is **30.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0254, 0.2936, 0.3835**, and **15.6625, 0.2792, 0.4223** is the 20% darker color. If you saturate the color by 10%, you get **34.7111, 0.2831, 0.4192**, and if you desaturate by 10%, it is **37.5206, 0.2938, 0.3772**.

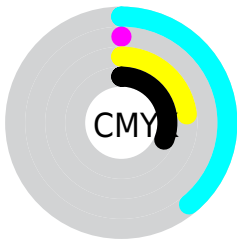
Distribution



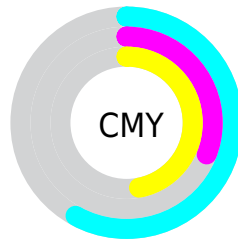
- Red (42%)
- Green (69%)
- Blue (53%)



- Red (42%)
- Yellow (62%)
- Blue (69%)



- Cyan (39%)
- Magenta (0%)
- Yellow (23%)
- Black (31%)





- Cyan (58%)
- Magenta (31%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9881, 0.2880, 0.3974 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 35.9881, 0.2880, 0.3974 by changing the saturation by 10% instead.


 35.9881, 0.2880,
0.3974


 35.9881, 0.2880,
0.3974


328.9085, 0.3016,
0.3602


 24.4250, 0.2841,
0.4078


 69.0137, 0.2933,
0.3831


 15.6492, 0.2788,
0.4219


 91.2450, 0.2952,
0.3780

 9.2763, 0.2711,
0.4420


 117.8011, 0.2967,
0.3737

 4.9218, 0.2591,
0.4729

 149.0665, 0.2980,
0.3702

 2.2015, 0.2379,
0.5261

185.4256, 0.2991,
0.3671

 0.7208, 0.0000,
1.0000

227.2627, 0.3001,

 0.0000, 0.0000,

0.3645

0.0000

274.9622, 0.3009,
0.3622

■ 35.9881, 0.2880,
0.3974

■ 35.9881, 0.2880,
0.3974

■ 34.7111, 0.2831,
0.4192

■ 37.5206, 0.2938,
0.3772

■ 33.6709, 0.2794,
0.4420

■ 39.3173, 0.3002,
0.3586

■ 32.8530, 0.2772,
0.4653


■ 41.3921, 0.3068,
0.3420


■ 32.2396, 0.2767,
0.4884


■ 43.7564, 0.3136,
0.3271

■ 31.8099, 0.2781,
0.5103


■ 46.4209, 0.3204,
0.3139


 31.5276, 0.2810,
0.5303

 49.3960, 0.3269,
0.3024

 31.4939, 0.2814,
0.5329

 52.6914, 0.3333,
0.2923

 56.3165, 0.3393,
0.2834

 58.0550, 0.3357,
0.2740

Harmonies

Analogous

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



35.9881, 0.3387, 0.4219



35.9881, 0.2880, 0.3974



35.9881, 0.2461, 0.3493

Triad

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



35.9881, 0.2880, 0.3974



35.9881, 0.2413, 0.2477



35.9881, 0.4119, 0.3458

Complementary

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



35.9881, 0.2880, 0.3974



22.1231, 0.3499, 0.2698

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.



35.9881, 0.3816, 0.3058



35.9881, 0.2880, 0.3974



35.9881, 0.2805, 0.2516

Square

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



35.9881, 0.2880, 0.3974



35.9881, 0.2212, 0.2633



35.9881, 0.3320, 0.2724



35.9881, 0.4124, 0.3854

Rectangle

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



35.9881, 0.2880, 0.3974



35.9881, 0.2281, 0.3148



35.9881, 0.3320, 0.2724



35.9881, 0.4048, 0.3321

Sweetspot

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



35.9896, 0.2880, 0.3974



73.6654, 0.3044, 0.3477



38.6133, 0.3444, 0.4318



15.8607, 0.3036, 0.3498



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.



35.9896, 0.2880, 0.3974



63.3430, 0.2839, 0.4151



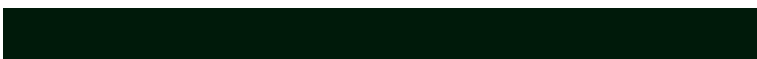
37.0703, 0.2651, 0.3414



9.5441, 0.3064, 0.3430



23.1166, 0.2808, 0.5309



0.7390, 0.2646, 0.4724

Inverse Universe

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



22.1231, 0.3499, 0.2698



34.7512, 0.3609, 0.2575



21.2123, 0.3953, 0.3174



8.5884, 0.3196, 0.3154



7.5495, 0.4505, 0.2255



0.2487, 0.4055, 0.2008

Previews

White Background



This preview shows how the Yxy color 35.9881, 0.2880, 0.3974 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 35.9881, 0.2880, 0.3974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

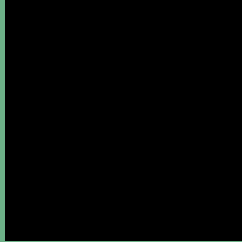
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9881, 0.2880, 0.3974

Background



This preview shows how black text looks on a background with the Yxy color 35.9881, 0.2880, 0.3974.



This preview shows how white text looks on a background with the Yxy color 35.9881, 0.2880, 0.3974.

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

35.9881, 0.2880, 0.3974

Protanopia

35.7062, 0.3531, 0.3771

Deuteranopia

35.4971, 0.3578, 0.3514



Tritanopia

36.0903, 0.2614, 0.3091

Trichromacy



Original Color

35.9881, 0.2880, 0.3974

Protanomaly

35.2070, 0.3261, 0.3833

Deuteranomaly

35.0973, 0.3282, 0.3669

Tritanomaly

35.9031, 0.2705, 0.3384

Monochromacy



Original Color

35.9881, 0.2880, 0.3974

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

32.3368, 0.3022, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9881, 0.2880, 0.3974 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(108, 176, 135)` looks like.

```
.text, #text, p{  
    color:rgb(108, 176, 135)  
}
```

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(108, 176, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 176, 135) }
```

Border

The CSS property to change the border of an element to Yxy 35.9881, 0.2880, 0.3974 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(108, 176, 135) }
```

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

```
.border{ border-color:rgb(108, 176, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 176, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 176, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 176, 135);  
box-shadow:4px 4px 4px 4px rgb(108, 176,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9881, 0.2880, 0.3974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 176, 135) }
```

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

```
.background{ background-color: rgb(108,  
176, 135) }
```

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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