

Converting Colors

$Yxy(36.1404, 0.2866, 0.4172)$

Have a look what the booklet for
Yxy(36.1404, 0.2866, 0.4172)
contains.

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Color

Yxy(36.3692, 0.2868, 0.4174)

Conversions

Conversions Part 1

Format	Color
Hex	62B37F
RGB	98, 179, 127
RGB Percent	38%, 70%, 50%
CMY	0.6155, 0.2980, 0.5020
CMYK	0.45, 0.00, 0.29, 0.30
HSL	141°, 35%, 54%
HSV	141°, 45%, 70%
XYZ	24.9897, 36.3692, 25.7739
YIQ	148.8530, -31.5840, -33.3440

Conversions

Conversions Part 2

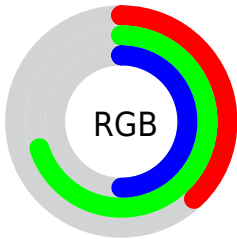
Format	Color
RYB	98, 158, 179
Decimal	6468479
CIELab	66.80, -36.59, 19.04
CIElCh	67, 41.245, 152.505
Yxy	36.3692, 0.2868, 0.4174
Android (android.graphics.Color)	4284658559 (0xFF62B37F)
YUV	148.8530, -10.7735, -44.5981
Hunter-Lab	60.3069, -31.5711, 16.8756

Details

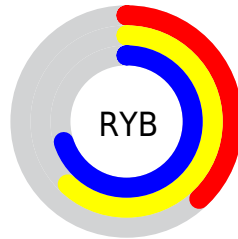
The Yxy color **36.3692, 0.2868, 0.4174** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **20.5301, 0.3544, 0.2555**, and the grayscale version is **30.0496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4843, 0.2928, 0.3983**, and **15.9854, 0.2762, 0.4491** is the 20% darker color. If you saturate the color by 10%, you get **35.2005, 0.2830, 0.4415**, and if you desaturate by 10%, it is **37.7978, 0.2917, 0.3946**.

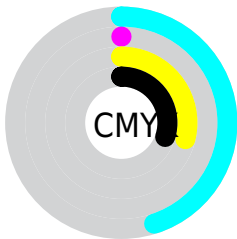
Distribution



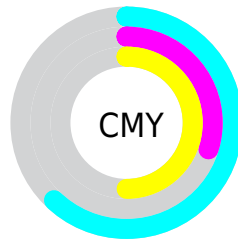
- Red (38%)
- Green (70%)
- Blue (50%)



- Red (38%)
- Yellow (62%)
- Blue (70%)



- Cyan (45%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)




- Cyan (62%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3692, 0.2868, 0.4174 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 36.3692, 0.2868, 0.4174 by changing the saturation by 10% instead.


 36.3692, 0.2868,
0.4174


 36.3692, 0.2868,
0.4174


330.5714, 0.3015,
0.3690

 24.7195, 0.2825,
0.4310


 69.6015, 0.2926,
0.3987


 15.8682, 0.2764,
0.4496


 91.9529, 0.2947,
0.3920

 9.4309, 0.2675,
0.4761


 118.6403, 0.2963,
0.3865

 5.0233, 0.2532,
0.5169

 150.0482, 0.2977,
0.3819

 2.2609, 0.2285,
0.5903

186.5608, 0.2989,
0.3779

 0.7529, 0.0000,
1.0000

228.5626, 0.2999,

 0.0000, 0.0000,

0.3745

0.0000

276.4380, 0.3007,
0.3716

■ 36.3692, 0.2868,
0.4174

■ 36.3692, 0.2868,
0.4174

■ 35.2005, 0.2830,
0.4415

■ 37.7978, 0.2917,
0.3946

■ 34.2710, 0.2805,
0.4662

■ 39.4966, 0.2972,
0.3735

■ 33.5642, 0.2796,
0.4907


■ 41.4806, 0.3032,
0.3544

■ 33.0592, 0.2805,
0.5141


■ 43.7625, 0.3095,
0.3372


■ 32.7308, 0.2831,
0.5352


■ 46.3541, 0.3157,
0.3220

 32.6101, 0.2846,
0.5444

 49.2666, 0.3218,
0.3086

 52.5108, 0.3277,
0.2968

 56.0968, 0.3334,
0.2866

 59.2410, 0.3354,
0.2770

Harmonies

Analogous

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



36.3692, 0.3477, 0.4434



36.3692, 0.2868, 0.4174



36.3692, 0.2359, 0.3586

Triad

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



36.3692, 0.2868, 0.4174



36.3692, 0.2247, 0.2328



36.3692, 0.4313, 0.3433

Complementary

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



36.3692, 0.2868, 0.4174



20.5301, 0.3544, 0.2555

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.



36.3692, 0.3918, 0.2970



36.3692, 0.2868, 0.4174



36.3692, 0.2690, 0.2362

Square

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



36.3692, 0.2868, 0.4174



36.3692, 0.2034, 0.2522



36.3692, 0.3301, 0.2591



36.3692, 0.4341, 0.3908

Rectangle

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



36.3692, 0.2868, 0.4174



36.3692, 0.2138, 0.3156



36.3692, 0.3301, 0.2591



36.3692, 0.4218, 0.3274

Sweetspot

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



36.3707, 0.2868, 0.4174



74.6726, 0.3039, 0.3526



39.6698, 0.3514, 0.4493



16.3632, 0.3025, 0.3565



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.3707, 0.2868, 0.4174



63.1031, 0.2831, 0.4407



37.6236, 0.2604, 0.3483



9.5386, 0.3069, 0.3440



23.0554, 0.2840, 0.5422



0.7368, 0.2673, 0.4823

Inverse Universe

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



20.5301, 0.3544, 0.2555



31.2249, 0.3672, 0.2413



19.4560, 0.4130, 0.3116



8.5941, 0.3190, 0.3145



7.6600, 0.4348, 0.2169



0.2517, 0.3956, 0.1953

Previews

White Background



This preview shows how the Yxy color 36.3692, 0.2868, 0.4174 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 36.3692, 0.2868, 0.4174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

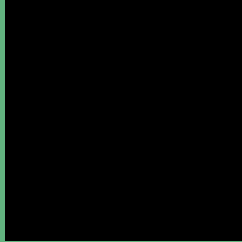
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3692, 0.2868, 0.4174

Background



This preview shows how black text looks on a background with the Yxy color 36.3692, 0.2868, 0.4174.



This preview shows how white text looks on a background with the Yxy color 36.3692, 0.2868, 0.4174.

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

36.3692, 0.2868, 0.4174

Protanopia

35.7059, 0.3636, 0.3898

Deuteranopia

35.6734, 0.3680, 0.3609



Tritanopia

36.4526, 0.2559, 0.3090

Trichromacy



Original Color

36.3692, 0.2868, 0.4174

Protanomaly

35.5214, 0.3314, 0.4009

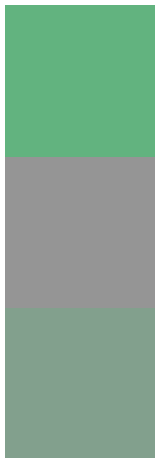
Deuteranomaly

35.1312, 0.3342, 0.3809

Tritanomaly

36.4661, 0.2670, 0.3465

Monochromacy



Original Color

36.3692, 0.2868, 0.4174

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.8105, 0.3010, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3692, 0.2868, 0.4174 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(98, 179, 127)` looks like.

```
.text, #text, p{  
    color:rgb(98, 179, 127)  
}
```

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(98, 179, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 179, 127) }
```

Border

The CSS property to change the border of an element to Yxy 36.3692, 0.2868, 0.4174 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(98, 179, 127) }
```

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

```
.border{ border-color:rgb(98, 179, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 179, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 179, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 179, 127);  
box-shadow:4px 4px 4px 4px rgb(98, 179,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3692, 0.2868, 0.4174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 179, 127) }
```

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

```
.background{ background-color: rgb(98, 179,  
127) }
```

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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