

Converting Colors

$Yxy(35.9137, 0.2632, 0.3985)$

Have a look what the booklet for
Yxy(35.9137, 0.2632, 0.3985)
contains.

Yxy(35.9137, 0.2632, 0.3985)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.9137, 0.2632, 0.3985)

Conversions

Conversions Part 1

Format	Color
Hex	48B48C
RGB	72, 180, 140
RGB Percent	28%, 71%, 55%
CMY	0.7181, 0.2941, 0.4510
CMYK	0.60, 0.00, 0.22, 0.29
HSL	158°, 43%, 49%
HSV	158°, 60%, 71%
XYZ	23.7202, 35.9137, 30.4883
YIQ	143.1480, -51.5280, -35.3360

Conversions

Conversions Part 2

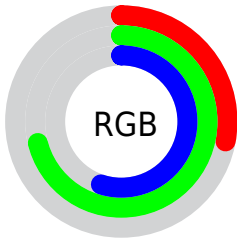
Format	Color
RYB	72, 138, 180
Decimal	4764812
CIELab	66.45, -40.61, 11.32
CIElCh	66, 42.156, 164.427
Yxy	35.9137, 0.2632, 0.3985
Android (android.graphics.Color)	4282954892 (0xFF48B48C)
YUV	143.1480, -1.5520, -62.3968
Hunter-Lab	59.9280, -34.2218, 11.7859

Details

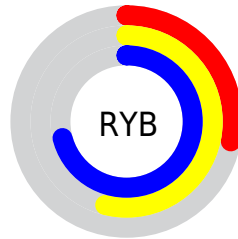
The Yxy color **35.9137, 0.2632, 0.3985** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **15.4928, 0.4252, 0.2739**, and the grayscale version is **27.5406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6318, 0.2730, 0.3828**, and **15.6599, 0.2504, 0.4213** is the 20% darker color. If you saturate the color by 10%, you get **35.1322, 0.2595, 0.4126**, and if you desaturate by 10%, it is **36.9124, 0.2687, 0.3849**.

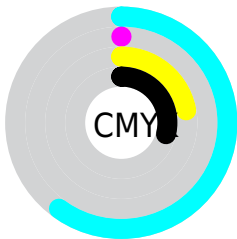
Distribution



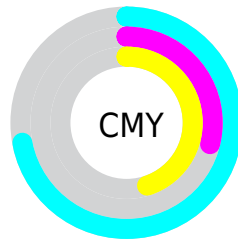
- Red (28%)
- Green (71%)
- Blue (55%)



- Red (28%)
- Yellow (54%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)
- Black (29%)





- Cyan (72%)
- Magenta (29%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9137, 0.2632, 0.3985 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 35.9137, 0.2632, 0.3985 by changing the saturation by 10% instead.


 35.9137, 0.2632,
0.3985


 35.9137, 0.2632,
0.3985


328.5832, 0.2897,
0.3607

 24.3676, 0.2560,
0.4090


 68.8988, 0.2733,
0.3840

 15.6065, 0.2464,
0.4233


 91.1066, 0.2769,
0.3788


 9.2461, 0.2328,
0.4437


 117.6371, 0.2799,
0.3745

 4.9021, 0.2126,
0.4749

 148.8746, 0.2825,
0.3708

 2.1899, 0.1787,
0.5289

 185.2036, 0.2847,
0.3678

 0.7145, 0.0000,
1.0000

227.0084, 0.2866,

 0.0000, 0.0000,

0.3651

0.0000

274.6735, 0.2882,
0.3628

■ 35.9137, 0.2632,
0.3985

■ 35.9137, 0.2632,
0.3985

■ 35.1322, 0.2595,
0.4126

■ 36.9124, 0.2687,
0.3849

■ 34.5452, 0.2577,
0.4268

■ 38.1402, 0.2757,
0.3719

■ 34.1322, 0.2579,
0.4410

■ 39.6133, 0.2838,
0.3597

■ 33.8495, 0.2597,
0.4548

■ 41.3450, 0.2929,
0.3485

■ 43.3478, 0.3026,
0.3383

■ 45.6333, 0.3126,
0.3291

■ 48.2125, 0.3228,
0.3208

■ 51.0955, 0.3330,
0.3135

■ 54.2922, 0.3429,
0.3070

Harmonies

Analogous

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



35.9137, 0.3234, 0.4413



35.9137, 0.2632, 0.3985



35.9137, 0.2192, 0.3325

Triad

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



35.9137, 0.2632, 0.3985



35.9137, 0.2379, 0.2294



35.9137, 0.4403, 0.3630

Complementary

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



35.9137, 0.2632, 0.3985



15.4928, 0.4252, 0.2739

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.



35.9137, 0.4139, 0.3143



35.9137, 0.2632, 0.3985



35.9137, 0.2913, 0.2413

Square

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



35.9137, 0.2632, 0.3985



35.9137, 0.2065, 0.2394



35.9137, 0.3568, 0.2714



35.9137, 0.4278, 0.4097

Rectangle

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



35.9137, 0.2632, 0.3985



35.9137, 0.2034, 0.2914



35.9137, 0.3568, 0.2714



35.9137, 0.4358, 0.3466

Sweetspot

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



35.9151, 0.2632, 0.3985



75.5558, 0.2946, 0.3466



36.6480, 0.3340, 0.5028



16.1193, 0.2919, 0.3497



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.



35.9151, 0.2632, 0.3985



63.3168, 0.2587, 0.4171



32.4535, 0.2353, 0.3079



9.5771, 0.3034, 0.3376



23.6338, 0.2592, 0.4531



0.7544, 0.2484, 0.4142

Inverse Universe

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



15.4928, 0.4252, 0.2739



23.0183, 0.4657, 0.2682



16.5901, 0.4846, 0.3465



8.5556, 0.3231, 0.3206



7.0641, 0.5462, 0.2783



0.2338, 0.4695, 0.2360

Previews

White Background



This preview shows how the Yxy color 35.9137, 0.2632, 0.3985 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 35.9137, 0.2632, 0.3985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

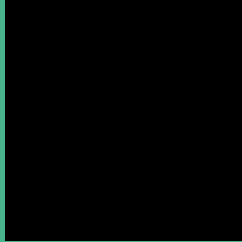
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9137, 0.2632, 0.3985

Background



This preview shows how black text looks on a background with the Yxy color 35.9137, 0.2632, 0.3985.



This preview shows how white text looks on a background with the Yxy color 35.9137, 0.2632, 0.3985.

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

35.9137, 0.2632, 0.3985

Protanopia

35.2994, 0.3505, 0.3729

Deuteranopia

35.3108, 0.3487, 0.3431



Tritanopia

35.9777, 0.2408, 0.3068

Trichromacy



Original Color

35.9137, 0.2632, 0.3985



Protanomaly

34.4270, 0.3102, 0.3821



Deuteranomaly

34.1968, 0.3093, 0.3620



Tritanomaly

35.7848, 0.2482, 0.3370

Monochromacy



Original Color

35.9137, 0.2632, 0.3985



Achromatopsia

27.4677, 0.3127, 0.3290



Achromatomaly

29.5118, 0.2882, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9137, 0.2632, 0.3985 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(72, 180, 140)` looks like.

```
.text, #text, p{  
    color:rgb(72, 180, 140)  
}
```

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(72, 180, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 180, 140) }
```

Border

The CSS property to change the border of an element to Yxy 35.9137, 0.2632, 0.3985 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(72, 180, 140) }
```

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

```
.border{ border-color:rgb(72, 180, 140) }
```

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

Here you see how a box with a 4 pixel rgb(72, 180, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 180, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 180, 140);  
box-shadow:4px 4px 4px 4px rgb(72, 180,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9137, 0.2632, 0.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 180, 140) }
```

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

```
.background{ background-color: rgb(72, 180,  
140) }
```

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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