

Converting Colors

$Yxy(35.0138, 0.2676, 0.4594)$

Have a look what the booklet for
Yxy(35.0138, 0.2676, 0.4594)
contains.

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Color

Yxy(35.0157, 0.2679, 0.4599)

Conversions

Conversions Part 1

Format	Color
Hex	26B66F
RGB	38, 182, 111
RGB Percent	15%, 71%, 44%
CMY	0.8509, 0.2863, 0.5647
CMYK	0.79, 0.00, 0.39, 0.29
HSL	150°, 65%, 43%
HSV	150°, 79%, 71%
XYZ	20.3973, 35.0157, 20.7247
YIQ	130.8500, -63.0330, -52.6090

Conversions

Conversions Part 2

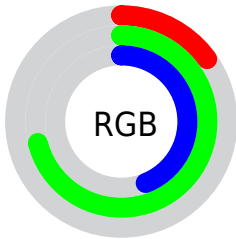
Format	Color
RYB	38, 134, 182
Decimal	2537071
CIELab	65.76, -53.07, 25.92
CIELCh	66, 59.059, 153.966
Yxy	35.0157, 0.2679, 0.4599
Android (android.graphics.Color)	4280727151 (0xFF26B66F)
YUV	130.8500, -9.7860, -81.4294
Hunter-Lab	59.1741, -42.0257, 20.6566

Details

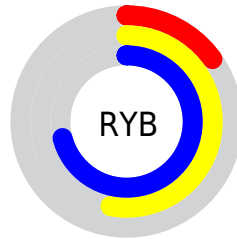
The Yxy color **35.0157, 0.2679, 0.4599** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **12.4372, 0.4473, 0.2446**, and the grayscale version is **22.6958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5031, 0.2783, 0.4315**, and **15.7861, 0.2724, 0.5007** is the 20% darker color. If you saturate the color by 10%, you get **34.5636, 0.2689, 0.4787**, and if you desaturate by 10%, it is **35.6595, 0.2689, 0.4407**.

Distribution



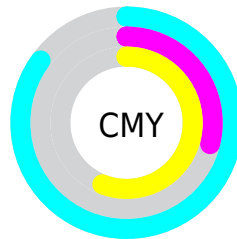
- Red (15%)
- Green (71%)
- Blue (44%)



- Red (15%)
- Yellow (53%)
- Blue (71%)



- Cyan (79%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)





- Cyan (85%)
- Magenta (29%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0157, 0.2679, 0.4599 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 35.0157, 0.2679, 0.4599 by changing the saturation by 10% instead.

 35.0157, 0.2679,
0.4599


 35.0157, 0.2679,
0.4599


324.6376, 0.2939,
0.3865


 23.6750, 0.2600,
0.4812


 67.5101, 0.2783,
0.4311


 15.0927, 0.2490,
0.5104


 89.4325, 0.2819,
0.4210


 8.8845, 0.2325,
0.5526


 115.6510, 0.2848,
0.4126

 4.6659, 0.2059,
0.6178

 146.5499, 0.2873,
0.4056

 2.0526, 0.1450,
0.8200

 182.5136, 0.2893,
0.3997

 0.6378, 0.0000,
1.0000

223.9266, 0.2910,

 0.0000, 0.0000,

0.3947

0.0000

271.1731, 0.2925,
0.3903

■ 35.0157, 0.2679,
0.4599

■ 35.0157, 0.2679,
0.4599

■ 34.5636, 0.2689,
0.4787

■ 35.6595, 0.2689,
0.4407

■ 34.2586, 0.2715,
0.4966

■ 36.5132, 0.2718,
0.4215

■ 34.2341, 0.2717,
0.4982

■ 37.5971, 0.2764,
0.4030

■ 38.9282, 0.2823,
0.3853

■ 40.5217, 0.2893,
0.3689

■ 42.3915, 0.2970,
0.3538

■ 44.5505, 0.3051,
0.3402

■ 47.0109, 0.3135,
0.3280

■ 49.7842, 0.3218,
0.3171

Harmonies

Analogous

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



35.0157, 0.3521, 0.4975



35.0157, 0.2679, 0.4599



35.0157, 0.2007, 0.3656

Triad

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



35.0157, 0.2679, 0.4599



35.0157, 0.1934, 0.1965



35.0157, 0.4853, 0.3456

Complementary

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



35.0157, 0.2679, 0.4599



12.4372, 0.4473, 0.2446

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.



35.0157, 0.4308, 0.2850



35.0157, 0.2679, 0.4599



35.0157, 0.2534, 0.2038

Square

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



35.0157, 0.2679, 0.4599



35.0157, 0.1645, 0.2176



35.0157, 0.3403, 0.2351



35.0157, 0.4820, 0.4098

Rectangle

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



35.0157, 0.2679, 0.4599



35.0157, 0.1738, 0.3010



35.0157, 0.3403, 0.2351



35.0157, 0.4732, 0.3247

Sweetspot

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



35.0171, 0.2679, 0.4599



74.9944, 0.2928, 0.3616



36.9125, 0.3450, 0.5417



16.3061, 0.2901, 0.3671



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.0171, 0.2679, 0.4599



62.2405, 0.2708, 0.4922



37.2467, 0.2292, 0.3288



10.1340, 0.3049, 0.3405



24.1886, 0.2712, 0.4962



0.8652, 0.2581, 0.4491

Inverse Universe

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



12.4372, 0.4473, 0.2446



19.7184, 0.4903, 0.2500



11.4729, 0.5846, 0.3298



9.0841, 0.3213, 0.3178



7.5546, 0.4961, 0.2506



0.2788, 0.4393, 0.2194

Previews

White Background



This preview shows how the Yxy color 35.0157, 0.2679, 0.4599 looks on a white background.

Color Contrast Check

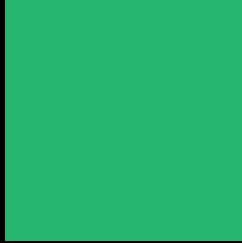
Large Text (above 18pt) WCAG AA × Fail

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 35.0157, 0.2679, 0.4599 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 35.0157, 0.2679, 0.4599

Background



This preview shows how black text looks on a background with the Yxy color 35.0157, 0.2679, 0.4599.



This preview shows how white text looks on a background with the Yxy color 35.0157, 0.2679, 0.4599.

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

35.0157, 0.2679, 0.4599

Protanopia

34.1640, 0.3806, 0.4116

Deuteranopia

34.3293, 0.3835, 0.3762



Tritanopia

34.9308, 0.2345, 0.3064

Trichromacy



Original Color

35.0157, 0.2679, 0.4599



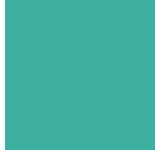
Protanomaly

32.8683, 0.3236, 0.4335



Deuteranomaly

32.4187, 0.3258, 0.4083



Tritanomaly

34.5460, 0.2457, 0.3581

Monochromacy



Original Color

35.0157, 0.2679, 0.4599



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

25.8093, 0.2851, 0.3778

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0157, 0.2679, 0.4599 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(38, 182, 111)` looks like.

```
.text, #text, p{  
    color:rgb(38, 182, 111)  
}
```

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(38, 182, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 182, 111) }
```

Border

The CSS property to change the border of an element to Yxy 35.0157, 0.2679, 0.4599 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(38, 182, 111) }
```

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

```
.border{ border-color:rgb(38, 182, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 182, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 182, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 182, 111);  
box-shadow:4px 4px 4px 4px rgb(38, 182,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0157, 0.2679, 0.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 182, 111) }
```

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

```
.background{ background-color: rgb(38, 182,  
111) }
```

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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