

Converting Colors

$Yxy(65.0815, 0.2654, 0.4688)$

Have a look what the booklet for
Yxy(65.0815, 0.2654, 0.4688)
contains.

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Color

Yxy(65.1309, 0.2653, 0.4685)

Conversions

Conversions Part 1

Format	Color
Hex	19F190
RGB	25, 241, 144
RGB Percent	10%, 95%, 56%
CMY	0.9035, 0.0548, 0.4353
CMYK	0.90, 0.00, 0.40, 0.05
HSL	153°, 89%, 52%
HSV	153°, 90%, 95%
XYZ	36.8820, 65.1309, 37.0071
YIQ	165.3580, -97.5990, -75.9590

Conversions

Conversions Part 2

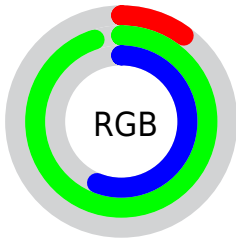
Format	Color
RYB	25, 164, 241
Decimal	1700240
CIELab	84.55, -68.72, 33.79
CIELCh	85, 76.574, 153.815
Yxy	65.1309, 0.2653, 0.4685
Android (android.graphics.Color)	4279890320 (0xFF19F190)
YUV	165.3580, -10.5295, -123.0940
Hunter-Lab	80.7037, -59.6561, 29.3048

Details

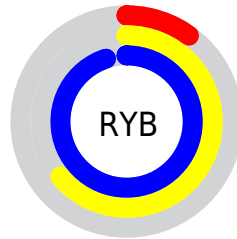
The Yxy color **65.1309, 0.2653, 0.4685** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **20.7779, 0.4947, 0.2563**, and the grayscale version is **37.8380, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.3565, 0.2675, 0.3984**, and **34.6397, 0.2721, 0.4997** is the 20% darker color. If you saturate the color by 10%, you get **64.6203, 0.2681, 0.4852**, and if you desaturate by 10%, it is **65.9239, 0.2642, 0.4511**.

Distribution



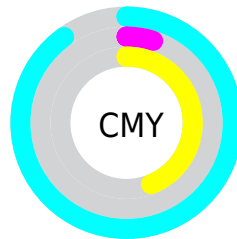
- Red (10%)
- Green (95%)
- Blue (56%)



- Red (10%)
- Yellow (64%)
- Blue (95%)



- Cyan (90%)
- Magenta (0%)
- Yellow (40%)
- Black (5%)





- Cyan (90%)
- Magenta (5%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.1309, 0.2653, 0.4685 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 65.1309, 0.2653, 0.4685 by changing the saturation by 10% instead.

 65.1309, 0.2653,
0.4685

 65.1309, 0.2653,
0.4685

443.2622, 0.2905,
0.3972


 47.5672, 0.2587,
0.4865


 112.2380, 0.2747,
0.4424


 33.4843, 0.2500,
0.5096


 142.5503, 0.2782,
0.4326


 22.4977, 0.2381,
0.5403


 177.8808, 0.2811,
0.4244

 14.2231, 0.2214,
0.5824

 218.6141, 0.2836,
0.4174

 8.2760, 0.1962,
0.6431

 265.1345, 0.2857,
0.4113

 4.2720, 0.1571,
0.7395

317.8264, 0.2875,

 1.8269, 0.0000,

0.4060

1.0000

377.0742, 0.2891,
0.4013

■ 0.5038, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 65.1309, 0.2653,
0.4685

■ 65.1309, 0.2653,
0.4685

■ 64.6203, 0.2681,
0.4852

■ 65.9239, 0.2642,
0.4511

■ 64.6107, 0.2682,
0.4856


■ 67.0662, 0.2652,
0.4333

■ 68.6058, 0.2681,
0.4156

■ 70.5814, 0.2729,
0.3985

 73.0268, 0.2792,
0.3821

 75.9723, 0.2866,
0.3669

 79.4455, 0.2949,
0.3529

 83.4723, 0.3038,
0.3402

 88.0764, 0.3129,
0.3288

Harmonies

Analogous

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



65.1309, 0.3532, 0.5069



65.1309, 0.2653, 0.4685



65.1309, 0.1954, 0.3678

Triad

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



65.1309, 0.2653, 0.4685



65.1309, 0.1878, 0.1908



65.1309, 0.4942, 0.3448

Complementary

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



65.1309, 0.2653, 0.4685



20.7779, 0.4947, 0.2563

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.



65.1309, 0.4367, 0.2823



65.1309, 0.2653, 0.4685



65.1309, 0.2498, 0.1984

Square

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



65.1309, 0.2653, 0.4685



65.1309, 0.1582, 0.2123



65.1309, 0.3409, 0.2306



65.1309, 0.4899, 0.4115

Rectangle

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



65.1309, 0.2653, 0.4685



65.1309, 0.1676, 0.2993



65.1309, 0.3409, 0.2306



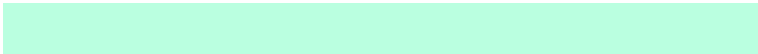
65.1309, 0.4816, 0.3232

Sweetspot

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



65.1335, 0.2653, 0.4685



87.3668, 0.2888, 0.3630



67.1240, 0.3345, 0.5662



18.4286, 0.2861, 0.3679



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



65.1335, 0.2653, 0.4685



73.4333, 0.2683, 0.4860



63.2546, 0.2220, 0.3148



17.8024, 0.3041, 0.3398



35.0602, 0.2675, 0.4829



2.9367, 0.2613, 0.4607

Inverse Universe

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



20.7779, 0.4947, 0.2563



22.4824, 0.5223, 0.2651



19.9991, 0.6191, 0.3340



15.8767, 0.3223, 0.3185



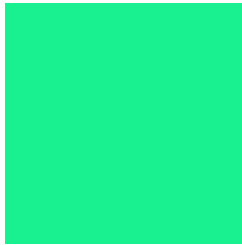
10.7551, 0.5177, 0.2625



0.9145, 0.4853, 0.2447

Previews

White Background



This preview shows how the Yxy color 65.1309, 0.2653, 0.4685 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 65.1309, 0.2653, 0.4685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

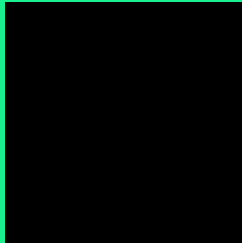
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.1309, 0.2653, 0.4685

Background



This preview shows how black text looks on a background with the Yxy color 65.1309, 0.2653, 0.4685.

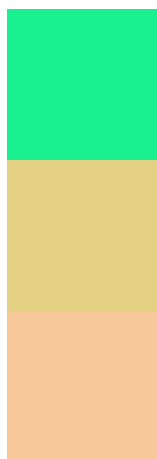


This preview shows how white text looks on a background with the Yxy color 65.1309, 0.2653, 0.4685.

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

65.1309, 0.2653, 0.4685

Protanopia

63.7336, 0.3842, 0.4158

Deuteranopia

63.4158, 0.3868, 0.3783



Tritanopia

64.9277, 0.2314, 0.3064

Trichromacy



Original Color

65.1309, 0.2653, 0.4685



Protanomaly

60.3605, 0.3193, 0.4418



Deuteranomaly

58.9099, 0.3200, 0.4141



Tritanomaly

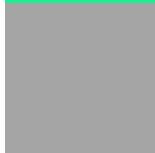
64.0892, 0.2414, 0.3597

Monochromacy



Original Color

65.1309, 0.2653, 0.4685



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

44.1517, 0.2791, 0.3840

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.1309, 0.2653, 0.4685 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(25, 241, 144)` looks like.

```
.text, #text, p{  
    color:rgb(25, 241, 144)  
}
```

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(25, 241, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 241, 144) }
```

Border

The CSS property to change the border of an element to Yxy 65.1309, 0.2653, 0.4685 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(25, 241, 144) }
```

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

```
.border{ border-color:rgb(25, 241, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 241, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 241, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 241, 144);  
box-shadow:4px 4px 4px 4px rgb(25, 241,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 65.1309, 0.2653, 0.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 241, 144) }
```

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

```
.background{ background-color: rgb(25, 241,  
144) }
```

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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