

Converting Colors

$Yxy(18.5945, 0.2610, 0.4364)$

Have a look what the booklet for
Yxy(18.5945, 0.2610, 0.4364)
contains.

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Color

Yxy(18.5833, 0.2610, 0.4362)

Conversions

Conversions Part 1

Format	Color
Hex	1A885B
RGB	26, 136, 91
RGB Percent	10%, 53%, 36%
CMY	0.8979, 0.4667, 0.6431
CMYK	0.81, 0.00, 0.33, 0.47
HSL	155°, 68%, 32%
HSV	155°, 81%, 53%
XYZ	11.1193, 18.5833, 12.9001
YIQ	97.9800, -51.1150, -37.3150

Conversions

Conversions Part 2

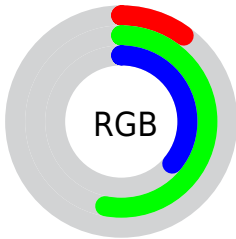
Format	Color
R_{YB}	26, 95, 136
Decimal	1738843
CIE _{Lab}	50.20, -40.79, 15.90
CIE _{LCh}	50, 43.778, 158.701
Yxy	18.5833, 0.2610, 0.4362
Android (android.graphics.Color)	4279928923 (0xFF1A885B)
YUV	97.9800, -3.4411, -63.1265
Hunter-Lab	43.1084, -29.3976, 12.4334

Details

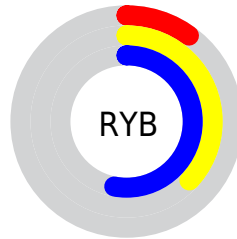
The Yxy color **18.5833, 0.2610, 0.4362** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **6.4298, 0.4725, 0.2605**, and the grayscale version is **12.2299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.9237, 0.2743, 0.4092**, and **6.6865, 0.2661, 0.4781** is the 20% darker color. If you saturate the color by 10%, you get **18.3528, 0.2613, 0.4516**, and if you desaturate by 10%, it is **18.9074, 0.2626, 0.4207**.

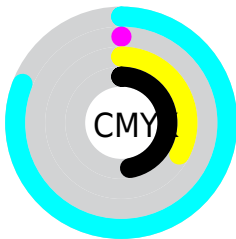
Distribution



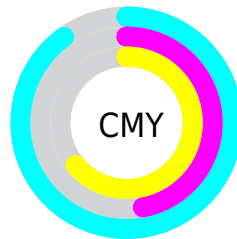
- Red (10%)
- Green (53%)
- Blue (36%)



- Red (10%)
- Yellow (37%)
- Blue (53%)



- Cyan (81%)
- Magenta (0%)
- Yellow (33%)
- Black (47%)





- Cyan (90%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.5833, 0.2610, 0.4362 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 18.5833, 0.2610, 0.4362 by changing the saturation by 10% instead.


 18.5833, 0.2610,
0.4362


 18.5833, 0.2610,
0.4362


244.1386, 0.2924,
0.3710


 11.3696, 0.2505,
0.4582


 41.0288, 0.2741,
0.4088


 6.3160, 0.2347,
0.4911


 57.0293, 0.2785,
0.3998

 3.0382, 0.2088,
0.5454

 76.7276, 0.2820,
0.3926

 1.1517, 0.0573,
0.8556

 100.5080, 0.2848,
0.3867

 0.0217, 0.0000,
1.0000

 128.7549, 0.2872,
0.3818

 0.0000, 0.0000,
0.0000

 161.8527, 0.2892,

0.3776

200.1858, 0.2909,
0.3741

■ 18.5833, 0.2610,
0.4362

■ 18.5833, 0.2610,
0.4362

■ 18.3528, 0.2613,
0.4516

■ 18.9074, 0.2626,
0.4207

■ 18.1930, 0.2626,
0.4654

■ 19.3338, 0.2661,
0.4054

■ 19.8723, 0.2712,
0.3905

■ 20.5311, 0.2777,
0.3764

■ 21.3178, 0.2853,
0.3632

■ 22.2389, 0.2937,
0.3510

■ 23.3009, 0.3026,
0.3399

■ 24.5096, 0.3119,
0.3298

■ 25.8706, 0.3213,
0.3208

Harmonies

Analogous

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



18.5833, 0.3382, 0.4815



18.5833, 0.2610, 0.4362



18.5833, 0.2022, 0.3484

Triad

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



18.5833, 0.2610, 0.4362



18.5833, 0.2089, 0.2051



18.5833, 0.4744, 0.3555

Complementary

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



18.5833, 0.2610, 0.4362



6.4298, 0.4725, 0.2605

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.



18.5833, 0.4318, 0.2974



18.5833, 0.2610, 0.4362



18.5833, 0.2697, 0.2155

Square

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



18.5833, 0.2610, 0.4362



18.5833, 0.1769, 0.2211



18.5833, 0.3522, 0.2482



18.5833, 0.4646, 0.4154

Rectangle

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



18.5833, 0.2610, 0.4362



18.5833, 0.1799, 0.2920



18.5833, 0.3522, 0.2482



18.5833, 0.4659, 0.3356

Sweetspot

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



18.5840, 0.2610, 0.4362



38.5684, 0.2905, 0.3554



19.0553, 0.3353, 0.5483



8.8149, 0.2879, 0.3592



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



18.5840, 0.2610, 0.4362



32.1083, 0.2628, 0.4640



17.1342, 0.2241, 0.3086



5.6546, 0.3042, 0.3381



17.2208, 0.2625, 0.4651



0.1173, 0.2440, 0.3983

Inverse Universe

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



6.4298, 0.4725, 0.2605



9.8483, 0.5247, 0.2688



6.5227, 0.5722, 0.3409



5.0803, 0.3221, 0.3201



5.2228, 0.5275, 0.2679



0.0375, 0.4278, 0.2130

Previews

White Background



This preview shows how the Yxy color 18.5833, 0.2610, 0.4362 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 18.5833, 0.2610, 0.4362 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 × Fail

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

Yxy 18.5833, 0.2610, 0.4362

Background



This preview shows how black text looks on a background with the Yxy color 18.5833, 0.2610, 0.4362.



This preview shows how white text looks on a background with the Yxy color 18.5833, 0.2610, 0.4362.

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

18.5833, 0.2610, 0.4362

Protanopia

18.4074, 0.3684, 0.3975

Deuteranopia

18.2824, 0.3685, 0.3620



Tritanopia

18.5888, 0.2341, 0.3079

Trichromacy



Original Color

18.5833, 0.2610, 0.4362



Protanomaly

17.5633, 0.3145, 0.4144



Deuteranomaly

17.2686, 0.3135, 0.3892



Tritanomaly

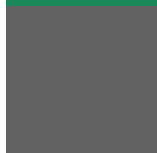
18.4213, 0.2432, 0.3510

Monochromacy



Original Color

18.5833, 0.2610, 0.4362



Achromatopsia

12.2139, 0.3127, 0.3290



Achromatomaly

13.7923, 0.2827, 0.3702

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.5833, 0.2610, 0.4362 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(26, 136, 91)` looks like.

```
.text, #text, p{  
    color:rgb(26, 136, 91)  
}
```

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(26, 136, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 136, 91) }
```

Border

The CSS property to change the border of an element to Yxy 18.5833, 0.2610, 0.4362 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(26, 136, 91) }
```

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

```
.border{ border-color:rgb(26, 136, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 136, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 136, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 136, 91);  
box-shadow:4px 4px 4px 4px rgb(26, 136,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 18.5833, 0.2610, 0.4362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 136, 91) }
```

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

```
.background{ background-color: rgb(26, 136,  
91) }
```

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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