

Converting Colors

$Y_{xy}(18.7977, 0.2546, 0.3396)$

Have a look what the booklet for
Yxy(18.7977, 0.2546, 0.3396)
contains.

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Color

Yxy(18.9322, 0.2545, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	43837E
RGB	67, 131, 126
RGB Percent	26%, 51%, 49%
CMY	0.7374, 0.4863, 0.5058
CMYK	0.49, 0.00, 0.04, 0.49
HSL	175°, 32%, 39%
HSV	175°, 49%, 51%
XYZ	14.1964, 18.9322, 22.6528
YIQ	111.2940, -36.5390, -15.1230

Conversions

Conversions Part 2

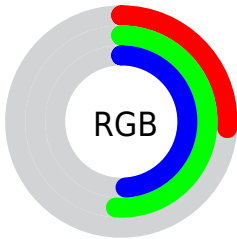
Format	Color
R _{YB}	67, 100, 131
Decimal	4424574
CIE _{Lab}	50.61, -21.82, -3.67
CIE _{LCh}	51, 22.122, 189.544
Y _{xy}	18.9322, 0.2545, 0.3394
Android (android.graphics.Color)	4282614654 (0xFF43837E)
Y _{UV}	111.2940, 7.2501, -38.8458
Hunter-Lab	43.5111, -17.9054, -0.4098

Details

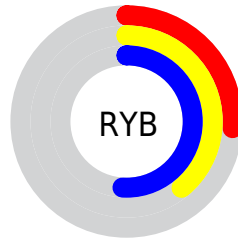
The Yxy color **18.9322, 0.2545, 0.3394** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9.3033, 0.4308, 0.3198**, and the grayscale version is **15.9711, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5287, 0.2674, 0.3363**, and **6.4529, 0.2307, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **18.4952, 0.2465, 0.3419**, and if you desaturate by 10%, it is **19.4757, 0.2641, 0.3370**.

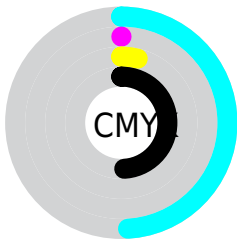
Distribution



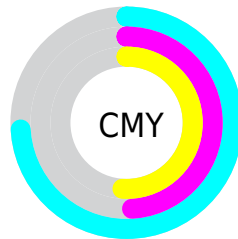
- Red (26%)
- Green (51%)
- Blue (49%)



- Red (26%)
- Yellow (39%)
- Blue (51%)



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)



- Cyan (74%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9322, 0.2545, 0.3394 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 18.9322, 0.2545, 0.3394 by changing the saturation by 10% instead.


 18.9322, 0.2545,
0.3394


 18.9322, 0.2545,
0.3394


246.0742, 0.2876,
0.3339


 11.6213, 0.2446,
0.3408


 41.6195, 0.2676,
0.3373


 6.4864, 0.2307,
0.3427


 57.7647, 0.2722,
0.3366


 3.1430, 0.2099,
0.3450

 77.6234, 0.2759,
0.3359

 1.2068, 0.1694,
0.3503

 101.5801, 0.2791,
0.3354

 0.0673, 0.0000,
0.1695

 130.0191, 0.2817,
0.3349

 0.0000, 0.0000,
0.0000

163.3249, 0.2839,

0.3345

201.8818, 0.2859,
0.3342

■ 18.9322, 0.2545,
0.3394

■ 18.9322, 0.2545,
0.3394

■ 18.4952, 0.2465,
0.3419

■ 19.4757, 0.2641,
0.3370

■ 18.1553, 0.2401,
0.3444

■ 20.1299, 0.2752,
0.3347

■ 17.9053, 0.2356,
0.3469


■ 20.9016, 0.2874,
0.3326


■ 17.7356, 0.2328,
0.3495


■ 21.7963, 0.3005,
0.3306

■ 17.6220, 0.2314,
0.3520


■ 22.8192, 0.3143,
0.3288

 17.6098, 0.2312,
0.3523

 23.9752, 0.3284,
0.3272

 25.2689, 0.3428,
0.3257

 26.7047, 0.3571,
0.3244

 28.2868, 0.3712,
0.3232

Harmonies

Analogous

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



18.9322, 0.2873, 0.3784



18.9322, 0.2545, 0.3394



18.9322, 0.2374, 0.3002

Triad

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



18.9322, 0.2545, 0.3394



18.9322, 0.2929, 0.2669



18.9322, 0.3916, 0.3804

Complementary

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



18.9322, 0.2545, 0.3394



9.3033, 0.4308, 0.3198

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.



18.9322, 0.3944, 0.3490



18.9322, 0.2545, 0.3394



18.9322, 0.3352, 0.2861

Square

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



18.9322, 0.2545, 0.3394



18.9322, 0.2583, 0.2616



18.9322, 0.3733, 0.3153



18.9322, 0.3668, 0.4011

Rectangle

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



18.9322, 0.2545, 0.3394



18.9322, 0.2363, 0.2801



18.9322, 0.3733, 0.3153



18.9322, 0.3952, 0.3707

Sweetspot

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



18.9329, 0.2545, 0.3394



37.9684, 0.2919, 0.3319



18.0281, 0.3110, 0.4742



8.7747, 0.2896, 0.3323



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



18.9329, 0.2545, 0.3394



33.0178, 0.2454, 0.3422



12.7966, 0.2397, 0.2692



5.2728, 0.3002, 0.3307



17.3331, 0.2312, 0.3523



0.0605, 0.2277, 0.3397

Inverse Universe

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



9.3033, 0.4308, 0.3198



13.5759, 0.4767, 0.3184



13.1737, 0.4145, 0.3806



4.6942, 0.3268, 0.3273



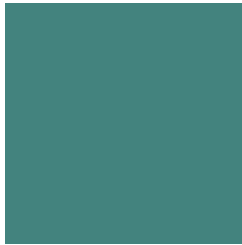
4.7719, 0.6278, 0.3232



0.0169, 0.5779, 0.2957

Previews

White Background



This preview shows how the Yxy color 18.9322, 0.2545, 0.3394 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 18.9322, 0.2545, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

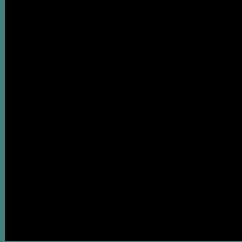
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9322, 0.2545, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 18.9322, 0.2545, 0.3394.



This preview shows how white text looks on a background with the Yxy color 18.9322, 0.2545, 0.3394.

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

18.9322, 0.2545, 0.3394

Protanopia

18.6631, 0.3165, 0.3290

Deuteranopia

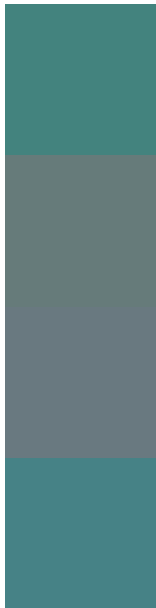
18.5878, 0.3113, 0.3052



Tritanopia

18.9042, 0.2465, 0.3084

Trichromacy



Original Color

18.9322, 0.2545, 0.3394

Protanomaly

18.3958, 0.2892, 0.3309

Deuteranomaly

18.2365, 0.2862, 0.3152

Tritanomaly

18.9886, 0.2500, 0.3205

Monochromacy



Original Color

18.9322, 0.2545, 0.3394

Achromatopsia

15.8961, 0.3127, 0.3290

Achromatomaly

16.6507, 0.2871, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9322, 0.2545, 0.3394 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(67, 131, 126)` looks like.

```
.text, #text, p{  
    color:rgb(67, 131, 126)  
}
```

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(67, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 131, 126) }
```

Border

The CSS property to change the border of an element to Yxy 18.9322, 0.2545, 0.3394 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(67, 131, 126) }
```

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

```
.border{ border-color:rgb(67, 131, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 131, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 131, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 131, 126);  
box-shadow:4px 4px 4px 4px rgb(67, 131,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9322, 0.2545, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 131, 126) }
```

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

```
.background{ background-color: rgb(67, 131,  
126) }
```

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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