

Converting Colors

$Y_{xy}(19.1652, 0.2592, 0.3397)$

Have a look what the booklet for
Yxy(19.1652, 0.2592, 0.3397)
contains.

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Color

Yxy(19.1554, 0.2592, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	49837E
RGB	73, 131, 126
RGB Percent	29%, 51%, 49%
CMY	0.7135, 0.4863, 0.5059
CMYK	0.44, 0.00, 0.04, 0.49
HSL	175°, 28%, 40%
HSV	175°, 44%, 51%
XYZ	14.6333, 19.1554, 22.6669
YIQ	113.0880, -32.9630, -13.8510

Conversions

Conversions Part 2

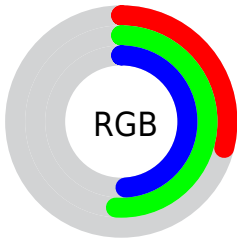
Format	Color
RYB	73, 103, 131
Decimal	4817790
CIELab	50.87, -20.24, -3.24
CIELCh	51, 20.503, 189.100
Yxy	19.1554, 0.2592, 0.3393
Android (android.graphics.Color)	4283007870 (0xFF49837E)
YUV	113.0880, 6.3656, -35.1572
Hunter-Lab	43.7669, -16.9112, -0.0696

Details

The Yxy color **19.1554, 0.2592, 0.3393** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **10.1482, 0.4132, 0.3196**, and the grayscale version is **16.5333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8956, 0.2708, 0.3363**, and **6.5493, 0.2369, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **18.6678, 0.2505, 0.3420**, and if you desaturate by 10%, it is **19.7526, 0.2695, 0.3367**.

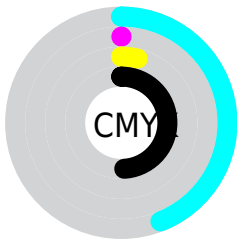
Distribution



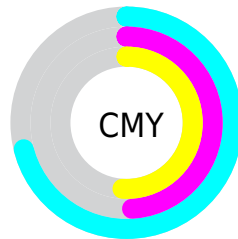
- Red (29%)
- Green (51%)
- Blue (49%)



- Red (29%)
- Yellow (40%)
- Blue (51%)



- Cyan (44%)
- Magenta (0%)
- Yellow (4%)
- Black (49%)





- Cyan (71%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1554, 0.2592, 0.3393 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 19.1554, 0.2592, 0.3393 by changing the saturation by 10% instead.


 19.1554, 0.2592,
0.3393


 19.1554, 0.2592,
0.3393


247.3053, 0.2896,
0.3338

 11.7826, 0.2501,
0.3408


 41.9965, 0.2713,
0.3372


 6.5958, 0.2373,
0.3427


 58.2337, 0.2755,
0.3364

 3.2107, 0.2181,
0.3453

 78.1944, 0.2789,
0.3358

 1.2427, 0.1829,
0.3501

 102.2630, 0.2818,
0.3353

 0.0962, 0.0000,
0.2249

 130.8241, 0.2842,
0.3348

 0.0000, 0.0000,
0.0000

164.2619, 0.2862,

0.3344

202.9608, 0.2880,
0.3341

■ 19.1554, 0.2592,
0.3393

■ 19.1554, 0.2592,
0.3393

■ 18.6678, 0.2505,
0.3420

■ 19.7526, 0.2695,
0.3367

■ 18.2809, 0.2434,
0.3448

■ 20.4634, 0.2810,
0.3342

■ 17.9876, 0.2381,
0.3476

■ 21.2944, 0.2936,
0.3320

■ 17.7793, 0.2345,
0.3504

■ 22.2508, 0.3069,
0.3298

■ 17.6447, 0.2327,
0.3533

■ 23.3378, 0.3208,
0.3279

■ 17.5801, 0.2319,
0.3549

■ 24.5601, 0.3349,
0.3262

■ 25.9222, 0.3491,
0.3246

■ 27.4285, 0.3632,
0.3233

■ 29.0830, 0.3770,
0.3221

Harmonies

Analogous

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



19.1554, 0.2899, 0.3748



19.1554, 0.2592, 0.3393



19.1554, 0.2429, 0.3031

Triad

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



19.1554, 0.2592, 0.3393



19.1554, 0.2939, 0.2711



19.1554, 0.3858, 0.3765

Complementary

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



19.1554, 0.2592, 0.3393



10.1482, 0.4132, 0.3196

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.



19.1554, 0.3879, 0.3474



19.1554, 0.2592, 0.3393



19.1554, 0.3330, 0.2888

Square

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



19.1554, 0.2592, 0.3393



19.1554, 0.2620, 0.2665



19.1554, 0.3682, 0.3160



19.1554, 0.3633, 0.3954

Rectangle

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



19.1554, 0.2592, 0.3393



19.1554, 0.2417, 0.2843



19.1554, 0.3682, 0.3160



19.1554, 0.3890, 0.3675

Sweetspot

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



19.1562, 0.2592, 0.3393



38.2871, 0.2948, 0.3318



18.3686, 0.3125, 0.4581



8.8416, 0.2922, 0.3322



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.



19.1562, 0.2592, 0.3393



33.4341, 0.2505, 0.3420



13.7443, 0.2467, 0.2781



5.2722, 0.3003, 0.3309



17.3071, 0.2319, 0.3549



0.0605, 0.2280, 0.3409

Inverse Universe

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



10.1482, 0.4132, 0.3196



15.1285, 0.4500, 0.3179



13.7148, 0.4028, 0.3741



4.6947, 0.3267, 0.3272



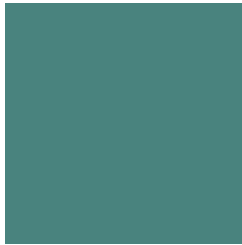
4.7744, 0.6265, 0.3225



0.0169, 0.5722, 0.2926

Previews

White Background



This preview shows how the Yxy color 19.1554, 0.2592, 0.3393 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 19.1554, 0.2592, 0.3393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

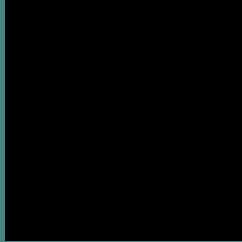
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1554, 0.2592, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 19.1554, 0.2592, 0.3393.



This preview shows how white text looks on a background with the Yxy color 19.1554, 0.2592, 0.3393.

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

19.1554, 0.2592, 0.3393

Protanopia

19.0000, 0.3165, 0.3290

Deuteranopia

18.8968, 0.3125, 0.3071



Tritanopia

19.1424, 0.2511, 0.3087

Trichromacy



Original Color

19.1554, 0.2592, 0.3393

Protanomaly

18.8237, 0.2926, 0.3329

Deuteranomaly

18.6657, 0.2896, 0.3173

Tritanomaly

19.2230, 0.2547, 0.3207

Monochromacy



Original Color

19.1554, 0.2592, 0.3393

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

17.3376, 0.2886, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1554, 0.2592, 0.3393 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(73, 131, 126)` looks like.

```
.text, #text, p{  
    color:rgb(73, 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(73, 131, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 131, 126) }
```

Border

The CSS property to change the border of an element to Yxy 19.1554, 0.2592, 0.3393 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(73, 131, 126) }
```

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

```
.border{ border-color:rgb(73, 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(73, 131, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 131, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 131, 126);  
box-shadow:4px 4px 4px 4px rgb(73, 131,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1554, 0.2592, 0.3393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 131, 126) }
```

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

```
.background{ background-color: rgb(73, 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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