

Converting Colors

$Yxy(14.4063, 0.2324, 0.3229)$

Have a look what the booklet for
Yxy(14.4063, 0.2324, 0.3229)
contains.

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Color

Yxy(14.3946, 0.2330, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	227577
RGB	34, 117, 119
RGB Percent	13%, 46%, 47%
CMY	0.8664, 0.5412, 0.5334
CMYK	0.71, 0.02, 0.00, 0.53
HSL	181°, 55%, 30%
HSV	181°, 71%, 47%
XYZ	10.3517, 14.3946, 19.6815
YIQ	92.4110, -50.1100, -16.9740

Conversions

Conversions Part 2

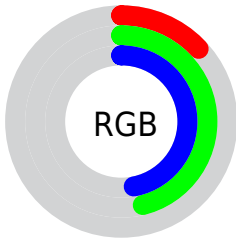
Format	Color
RYB	34, 76, 119
Decimal	2258295
CIELab	44.79, -23.26, -8.27
CIELCh	45, 24.688, 199.561
Yxy	14.3946, 0.2330, 0.3240
Android (android.graphics.Color)	4280448375 (0xFF227577)
YUV	92.4110, 13.1084, -51.2264
Hunter-Lab	37.9402, -17.6931, -4.1986

Details

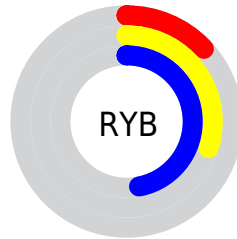
The Yxy color **14.3946, 0.2330, 0.3240** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **5.3022, 0.5356, 0.3330**, and the grayscale version is **10.7844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5915, 0.2515, 0.3255**, and **4.5892, 0.2214, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **14.1616, 0.2281, 0.3233**, and if you desaturate by 10%, it is **14.6990, 0.2397, 0.3248**.

Distribution



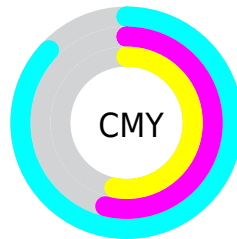
- Red (13%)
- Green (46%)
- Blue (47%)



- Red (13%)
- Yellow (30%)
- Blue (47%)



- Cyan (71%)
- Magenta (2%)
- Yellow (0%)
- Black (53%)





- Cyan (87%)
- Magenta (54%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3946, 0.2330, 0.3240 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 14.3946, 0.2330, 0.3240 by changing the saturation by 10% instead.


 14.3946, 0.2330,
0.3240


 14.3946, 0.2330,
0.3240


 219.6720, 0.2795,
0.3281


 8.3956, 0.2185,
0.3220


 33.7876, 0.2519,
0.3261


 4.3491, 0.1977,
0.3184

 47.9503, 0.2583,
0.3266


 1.8707, 0.1659,
0.3112

 65.6032, 0.2636,
0.3271

 0.5307, 0.0000,
0.3123

 87.1305, 0.2679,
0.3274

 0.0000, 0.0000,
0.0000

 112.9166, 0.2715,
0.3276

 143.3460, 0.2746,

0.3278

178.8030, 0.2772,
0.3280

■ 14.3946, 0.2330,
0.3240

■ 14.3946, 0.2330,
0.3240

■ 14.1616, 0.2281,
0.3233

■ 14.6990, 0.2397,
0.3248

■ 13.9907, 0.2249,
0.3225

■ 15.0797, 0.2481,
0.3255

■ 13.8687, 0.2228,
0.3219

■ 15.5430, 0.2581,
0.3263

■ 16.0940, 0.2696,
0.3270

■ 16.7376, 0.2824,
0.3277

■ 17.4783, 0.2962,
0.3283

■ 18.3201, 0.3107,
0.3289

■ 19.2670, 0.3257,
0.3295

■ 20.3228, 0.3410,
0.3300

Harmonies

Analogous

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



14.3946, 0.2664, 0.3752



14.3946, 0.2330, 0.3240



14.3946, 0.2202, 0.2799

Triad

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



14.3946, 0.2330, 0.3240



14.3946, 0.3048, 0.2606



14.3946, 0.4010, 0.4010

Complementary

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



14.3946, 0.2330, 0.3240



5.3022, 0.5356, 0.3330

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.



14.3946, 0.4148, 0.3653



14.3946, 0.2330, 0.3240



14.3946, 0.3569, 0.2878

Square

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



14.3946, 0.2330, 0.3240



14.3946, 0.2589, 0.2481



14.3946, 0.3986, 0.3249



14.3946, 0.3633, 0.4208

Rectangle

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



14.3946, 0.2330, 0.3240



14.3946, 0.2239, 0.2604



14.3946, 0.3986, 0.3249



14.3946, 0.4087, 0.3902

Sweetspot

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



14.3951, 0.2330, 0.3240



29.9587, 0.2822, 0.3277



13.6562, 0.3016, 0.5443



7.0364, 0.2793, 0.3275



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.3951, 0.2330, 0.3240



25.1451, 0.2257, 0.3227



6.7203, 0.2059, 0.2124



4.1413, 0.2995, 0.3285



14.7360, 0.2227, 0.3219



71.6253, 0.2226, 0.3215

Inverse Universe

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



6.3533, 0.3236, 0.1805



9.8691, 0.3255, 0.1638



9.4777, 0.4639, 0.4142



3.7565, 0.3140, 0.3085



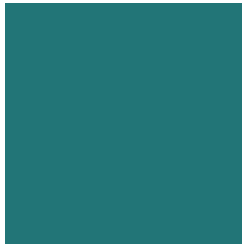
5.5116, 0.3266, 0.1573



26.8400, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 14.3946, 0.2330, 0.3240 looks on a white 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

Black Background



This preview shows how the Yxy color 14.3946, 0.2330, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

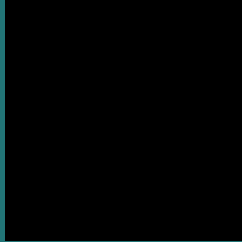
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

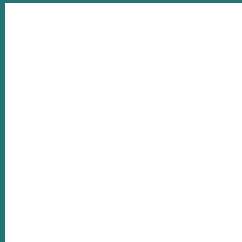
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.3946, 0.2330, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 14.3946, 0.2330, 0.3240.

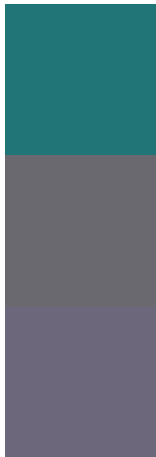


This preview shows how white text looks on a background with the Yxy color 14.3946, 0.2330, 0.3240.

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

14.3946, 0.2330, 0.3240

Protanopia

14.3150, 0.3064, 0.3163

Deuteranopia

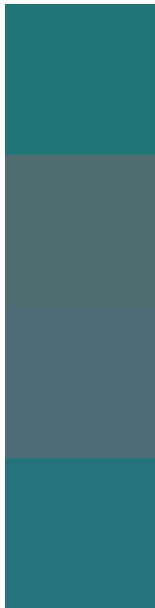
14.2938, 0.2954, 0.2903



Tritanopia

14.3835, 0.2299, 0.3077

Trichromacy



Original Color

14.3946, 0.2330, 0.3240

Protanomaly

13.8577, 0.2707, 0.3175

Deuteranomaly

13.8549, 0.2643, 0.3000

Tritanomaly

14.3142, 0.2309, 0.3123

Monochromacy



Original Color

14.3946, 0.2330, 0.3240

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

11.6063, 0.2714, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3946, 0.2330, 0.3240 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(34, 117, 119)` looks like.

```
.text, #text, p{  
    color:rgb(34, 117, 119)  
}
```

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(34, 117, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 117, 119) }
```

Border

The CSS property to change the border of an element to Yxy 14.3946, 0.2330, 0.3240 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(34, 117, 119) }
```

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

```
.border{ border-color:rgb(34, 117, 119) }
```

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

Here you see how a box with a 4 pixel rgb(34, 117, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 117, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 117, 119);  
box-shadow:4px 4px 4px 4px rgb(34, 117,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3946, 0.2330, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 117, 119) }
```

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

```
.background{ background-color: rgb(34, 117,  
119) }
```

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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