

Converting Colors

$Yxy(14.5498, 0.2207, 0.3188)$

Have a look what the booklet for
Yxy(14.5498, 0.2207, 0.3188)
contains.

Yxy(14.6237, 0.2220, 0.3191)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.6237, 0.2220, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	00777B
RGB	0, 119, 123
RGB Percent	0%, 47%, 48%
CMY	0.9995, 0.5333, 0.5176
CMYK	1.00, 0.03, 0.00, 0.52
HSL	182°, 100%, 24%
HSV	182°, 100%, 48%
XYZ	10.1738, 14.6237, 21.0304
YIQ	83.8750, -72.2080, -23.9840

Conversions

Conversions Part 2

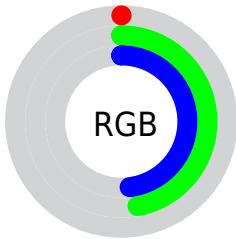
Format	Color
RYB	0, 60, 123
Decimal	30587
CIELab	45.11, -26.02, -10.24
CIELCh	45, 27.964, 201.480
Yxy	14.6237, 0.2220, 0.3191
Android (android.graphics.Color)	4278220667 (0xFF00777B)
YUV	83.8750, 19.2886, -73.5584
Hunter-Lab	38.2409, -19.4327, -5.8376

Details

The Yxy color **14.6237, 0.2220, 0.3191** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4.3025, 0.6359, 0.3330**, and the grayscale version is **8.8176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.3057, 0.2436, 0.3239**, and **4.8747, 0.2205, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **14.6224, 0.2220, 0.3191**, and if you desaturate by 10%, it is **14.8007, 0.2245, 0.3201**.

Distribution



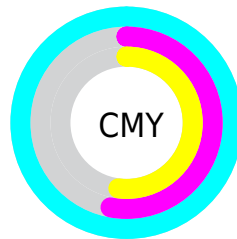
- Red (0%)
- Green (47%)
- Blue (48%)



- Red (0%)
- Yellow (24%)
- Blue (48%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (52%)




- Cyan (100%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.6237, 0.2220, 0.3191 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 14.6237, 0.2220, 0.3191 by changing the saturation by 10% instead.


 14.6237, 0.2220,
0.3191


 14.6237, 0.2220,
0.3191


 221.0771, 0.2745,
0.3264


 8.5557, 0.2059,
0.3158


 34.1917, 0.2431,
0.3226


 4.4525, 0.1832,
0.3103

 48.4605, 0.2504,
0.3237

 1.9298, 0.1491,
0.2997

 66.2316, 0.2564,
0.3244

 0.5662, 0.0000,
0.2907

 87.8896, 0.2613,
0.3250

 0.0000, 0.0000,
0.0000

 113.8187, 0.2654,
0.3255

 144.4034, 0.2689,

0.3259

180.0281, 0.2719,
0.3262

■ 14.6237, 0.2220,
0.3191

■ 14.6237, 0.2220,
0.3191

■ 14.6224, 0.2220,
0.3191

■ 14.8007, 0.2245,
0.3201

■ 15.0190, 0.2280,
0.3212

■ 15.3065, 0.2333,
0.3222

■ 15.6711, 0.2403,
0.3233

■ 16.1198, 0.2491,
0.3243

■ 16.6588, 0.2594,
0.3254

■ 17.2936, 0.2712,
0.3263

■ 18.0295, 0.2842,
0.3273

■ 18.8712, 0.2982,
0.3282

Harmonies

Analogous

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



14.6237, 0.2575, 0.3778



14.6237, 0.2220, 0.3191



14.6237, 0.2097, 0.2709

Triad

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



14.6237, 0.2220, 0.3191



14.6237, 0.3072, 0.2544



14.6237, 0.4094, 0.4110

Complementary

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



14.6237, 0.2220, 0.3191



4.3025, 0.6359, 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.



14.6237, 0.4276, 0.3713



14.6237, 0.2220, 0.3191



14.6237, 0.3659, 0.2853

Square

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



14.6237, 0.2220, 0.3191



14.6237, 0.2551, 0.2394



14.6237, 0.4118, 0.3266



14.6237, 0.3655, 0.4331

Rectangle

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



14.6237, 0.2220, 0.3191



14.6237, 0.2148, 0.2505



14.6237, 0.4118, 0.3266



14.6237, 0.4189, 0.3990

Sweetspot

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



14.6242, 0.2220, 0.3191



30.8572, 0.2702, 0.3263



14.1756, 0.2995, 0.5982



7.1705, 0.2660, 0.3259



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



14.6242, 0.2220, 0.3191



26.1354, 0.2219, 0.3189



4.6134, 0.1774, 0.1583



4.4910, 0.2994, 0.3283



15.1209, 0.2220, 0.3191



71.8743, 0.2218, 0.3185

Inverse Universe

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



5.5468, 0.3290, 0.1586



9.9206, 0.3292, 0.1587



7.8366, 0.5307, 0.4166



4.0754, 0.3142, 0.3086



5.7333, 0.3290, 0.1586



27.3229, 0.3294, 0.1588

Previews

White Background



This preview shows how the Yxy color 14.6237, 0.2220, 0.3191 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 14.6237, 0.2220, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

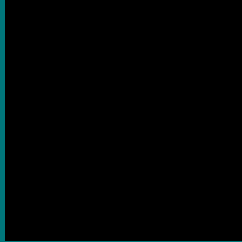
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.6237, 0.2220, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 14.6237, 0.2220, 0.3191.



This preview shows how white text looks on a background with the Yxy color 14.6237, 0.2220, 0.3191.

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

14.6237, 0.2220, 0.3191

Protanopia

14.6100, 0.3014, 0.3102

Deuteranopia

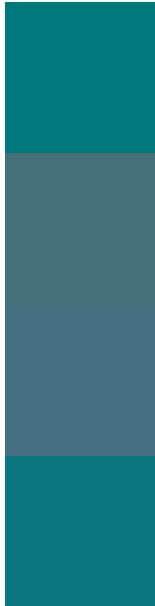
14.5328, 0.2894, 0.2845



Tritanopia

14.6346, 0.2213, 0.3053

Trichromacy



Original Color

14.6237, 0.2220, 0.3191

Protanomaly

13.9058, 0.2550, 0.3127

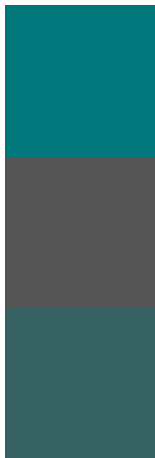
Deuteranomaly

13.6469, 0.2478, 0.2927

Tritanomaly

14.5344, 0.2213, 0.3098

Monochromacy



Original Color

14.6237, 0.2220, 0.3191

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

10.2155, 0.2554, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.6237, 0.2220, 0.3191 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(0, 119, 123)` looks like.

```
.text, #text, p{  
    color:rgb(0, 119, 123)  
}
```

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(0, 119, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 119, 123) }
```

Border

The CSS property to change the border of an element to Yxy 14.6237, 0.2220, 0.3191 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(0, 119, 123) }
```

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

```
.border{ border-color:rgb(0, 119, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 119, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 119, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 119, 123);  
box-shadow:4px 4px 4px 4px rgb(0, 119,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 14.6237, 0.2220, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 119, 123) }
```

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

```
.background{ background-color: rgb(0, 119,  
123) }
```

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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