

Converting Colors

$Yxy(21.0462, 0.2156, 0.3093)$

Have a look what the booklet for
Yxy(21.0462, 0.2156, 0.3093)
contains.

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Color

Yxy(21.2518, 0.2196, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	008D96
RGB	0, 141, 150
RGB Percent	0%, 55%, 59%
CMY	0.9996, 0.4471, 0.4118
CMYK	1.00, 0.06, 0.00, 0.41
HSL	184°, 100%, 29%
HSV	184°, 100%, 59%
XYZ	15.0303, 21.2518, 32.1617
YIQ	99.8670, -86.9250, -27.0930

Conversions

Conversions Part 2

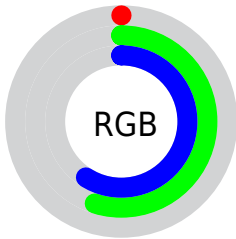
Format	Color
RYB	0, 73, 150
Decimal	36246
CIELab	53.22, -28.00, -13.84
CIELCh	53, 31.232, 206.312
Yxy	21.2518, 0.2196, 0.3105
Android (android.graphics.Color)	4278226326 (0xFF008D96)
YUV	99.8670, 24.7156, -87.5834
Hunter-Lab	46.0997, -22.4766, -9.0943

Details

The Yxy color **21.2518, 0.2196, 0.3105** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **6.6812, 0.6344, 0.3344**, and the grayscale version is **12.6686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4646, 0.2392, 0.3157**, and **8.2132, 0.2172, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **21.2502, 0.2196, 0.3105**, and if you desaturate by 10%, it is **21.6208, 0.2220, 0.3124**.

Distribution



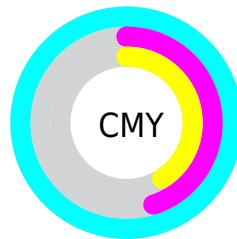
- Red (0%)
- Green (55%)
- Blue (59%)



- Red (0%)
- Yellow (29%)
- Blue (59%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (41%)





- Cyan (100%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.2518, 0.2196, 0.3105 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 21.2518, 0.2196, 0.3105 by changing the saturation by 10% instead.


 21.2518, 0.2196,
0.3105


 21.2518, 0.2196,
0.3105


 258.6137, 0.2705,
0.3225

 13.3082, 0.2054,
0.3063


 45.5062, 0.2392,
0.3157


 7.6411, 0.1864,
0.2999


 62.5858, 0.2462,
0.3174


 3.8662, 0.1598,
0.2894

 83.4795, 0.2520,
0.3187

 1.5990, 0.1197,
0.2704

 108.5718, 0.2569,
0.3198

 0.3569, 0.0000,
0.2018

 138.2469, 0.2611,
0.3206

 0.0000, 0.0000,
0.0000

 172.8893, 0.2647,

0.3214

212.8834, 0.2678,
0.3220

■ 21.2518, 0.2196,
0.3105

■ 21.2518, 0.2196,
0.3105

■ 21.2502, 0.2196,
0.3105

■ 21.6208, 0.2220,
0.3124

■ 22.0646, 0.2257,
0.3144

■ 22.6181, 0.2311,
0.3164

■ 23.2946, 0.2384,
0.3184

■ 24.1059, 0.2474,
0.3204

■ 25.0620, 0.2581,
0.3223

■ 26.1721, 0.2702,
0.3241

■ 27.4447, 0.2836,
0.3259

■ 28.8875, 0.2979,
0.3275

Harmonies

Analogous

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



21.2518, 0.2512, 0.3680



21.2518, 0.2196, 0.3105



21.2518, 0.2112, 0.2659

Triad

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



21.2518, 0.2196, 0.3105



21.2518, 0.3167, 0.2593



21.2518, 0.4026, 0.4151

Complementary

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



21.2518, 0.2196, 0.3105



6.6812, 0.6344, 0.3344

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.



21.2518, 0.4253, 0.3778



21.2518, 0.2196, 0.3105



21.2518, 0.3738, 0.2919

Square

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



21.2518, 0.2196, 0.3105



21.2518, 0.2632, 0.2417



21.2518, 0.4152, 0.3338



21.2518, 0.3564, 0.4324

Rectangle

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



21.2518, 0.2196, 0.3105



21.2518, 0.2188, 0.2481



21.2518, 0.4152, 0.3338



21.2518, 0.4134, 0.4041

Sweetspot

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



21.2526, 0.2196, 0.3105



46.0538, 0.2694, 0.3240



21.8286, 0.2989, 0.5959



10.0355, 0.2647, 0.3233



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



21.2526, 0.2196, 0.3105



37.4121, 0.2195, 0.3101



6.2827, 0.1735, 0.1444



6.5033, 0.2990, 0.3276



17.6423, 0.2196, 0.3106



0.2305, 0.2223, 0.3204

Inverse Universe

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



8.4088, 0.3363, 0.1626



14.8274, 0.3366, 0.1628



12.6004, 0.5239, 0.4222



5.9032, 0.3146, 0.3085



6.9744, 0.3362, 0.1626



0.0868, 0.3279, 0.1580

Previews

White Background



This preview shows how the Yxy color 21.2518, 0.2196, 0.3105 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 21.2518, 0.2196, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

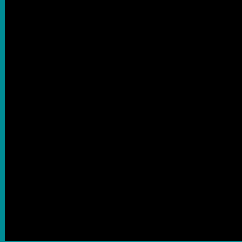
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.2518, 0.2196, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 21.2518, 0.2196, 0.3105.

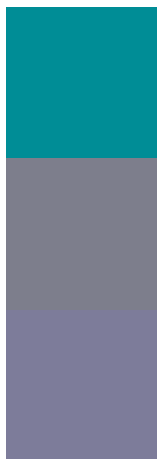


This preview shows how white text looks on a background with the Yxy color 21.2518, 0.2196, 0.3105.

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

21.2518, 0.2196, 0.3105

Protanopia

21.1751, 0.2966, 0.3041

Deuteranopia

21.1084, 0.2824, 0.2773



Tritanopia

21.4023, 0.2201, 0.3067

Trichromacy



Original Color

21.2518, 0.2196, 0.3105

Protanomaly

19.9517, 0.2502, 0.3033

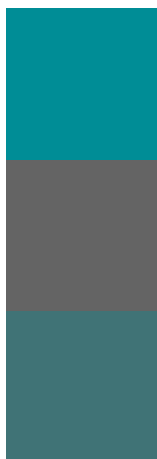
Deuteranomaly

19.9706, 0.2431, 0.2849

Tritanomaly

21.3357, 0.2200, 0.3086

Monochromacy



Original Color

21.2518, 0.2196, 0.3105

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

14.6595, 0.2529, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.2518, 0.2196, 0.3105 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, 141, 150)` looks like.

```
.text, #text, p{  
  color:rgb(0, 141, 150)  
}
```

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, 141, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 141, 150) }
```

Border

The CSS property to change the border of an element to Yxy 21.2518, 0.2196, 0.3105 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, 141, 150) }
```

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

```
.border{ border-color:rgb(0, 141, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 141, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 141, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 141, 150);  
box-shadow:4px 4px 4px 4px rgb(0, 141,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 21.2518, 0.2196, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 141, 150) }
```

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

```
.background{ background-color: rgb(0, 141,  
150) }
```

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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