

Converting Colors

$Y_{xy}(11.2510, 0.2247, 0.3195)$

Have a look what the booklet for
Yxy(11.2510, 0.2247, 0.3195)
contains.

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Color

Yxy(11.2570, 0.2250, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	0B696C
RGB	11, 105, 108
RGB Percent	4%, 41%, 42%
CMY	0.9564, 0.5882, 0.5764
CMYK	0.90, 0.03, 0.00, 0.58
HSL	182°, 81%, 23%
HSV	182°, 90%, 42%
XYZ	7.8978, 11.2570, 15.9465
YIQ	77.2360, -56.9870, -18.9950

Conversions

Conversions Part 2

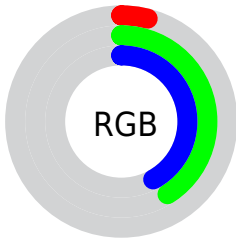
Format	Color
R_{YB}	11, 59, 108
Decimal	747884
CIE _{Lab}	40.01, -23.24, -8.85
CIE _{LCh}	40, 24.866, 200.857
Yxy	11.2570, 0.2250, 0.3207
Android (android.graphics.Color)	4278937964 (0xFF0B696C)
YUV	77.2360, 15.1667, -58.0890
Hunter-Lab	33.5515, -16.6973, -4.6937

Details

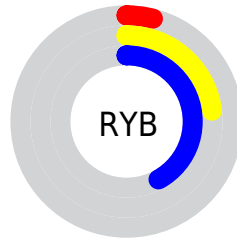
The Yxy color **11.2570, 0.2250, 0.3207** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.5308, 0.6043, 0.3331**, and the grayscale version is **7.4536, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2368, 0.2472, 0.3253**, and **3.2632, 0.2197, 0.3110** is the 20% darker color. If you saturate the color by 10%, you get **11.1192, 0.2222, 0.3197**, and if you desaturate by 10%, it is **11.4237, 0.2287, 0.3217**.

Distribution



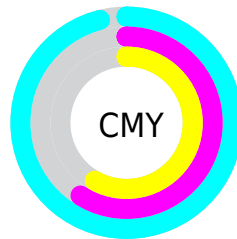
- Red (4%)
- Green (41%)
- Blue (42%)



- Red (4%)
- Yellow (23%)
- Blue (42%)



- Cyan (90%)
- Magenta (3%)
- Yellow (0%)
- Black (58%)





- Cyan (96%)
- Magenta (59%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2570, 0.2250, 0.3207 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 11.2570, 0.2250, 0.3207 by changing the saturation by 10% instead.


 11.2570, 0.2250,
0.3207


 11.2570, 0.2250,
0.3207


199.4223, 0.2777,
0.3271


 6.2400, 0.2076,
0.3175


 28.1344, 0.2469,
0.3239


 2.9915, 0.1821,
0.3117

 40.7636, 0.2543,
0.3248

 1.1273, 0.1306,
0.3030

 56.6990, 0.2601,
0.3255

 0.0011, 0.0000,
0.0018


 76.3249, 0.2649,
0.3260


 0.0000, 0.0000,
0.0000

 100.0259, 0.2689,
0.3264


 128.1861, 0.2723,

0.3267


 161.1902, 0.2752,
0.3269

 11.2570, 0.2250,
0.3207


 11.2570, 0.2250,
0.3207


 11.1192, 0.2222,
0.3197


 11.4237, 0.2287,
0.3217

 11.1152, 0.2221,
0.3197

 11.6416, 0.2341,
0.3227

 11.9169, 0.2412,
0.3237

 12.2545, 0.2500,
0.3246

 12.6589, 0.2603,
0.3256

■ 13.1342, 0.2720,
0.3265

■ 13.6840, 0.2849,
0.3274

■ 14.3118, 0.2987,
0.3282

■ 15.0209, 0.3131,
0.3290

Harmonies

Analogous

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



11.2570, 0.2600, 0.3774



11.2570, 0.2250, 0.3207



11.2570, 0.2124, 0.2734

Triad

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



11.2570, 0.2250, 0.3207



11.2570, 0.3063, 0.2559



11.2570, 0.4074, 0.4082

Complementary

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



11.2570, 0.2250, 0.3207



3.5308, 0.6043, 0.3331

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.



11.2570, 0.4243, 0.3695



11.2570, 0.2250, 0.3207



11.2570, 0.3632, 0.2858

Square

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



11.2570, 0.2250, 0.3207



11.2570, 0.2559, 0.2417



11.2570, 0.4081, 0.3259



11.2570, 0.3652, 0.4298

Rectangle

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



11.2570, 0.2250, 0.3207



11.2570, 0.2171, 0.2532



11.2570, 0.4081, 0.3259



11.2570, 0.4164, 0.3965

Sweetspot

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



11.2574, 0.2250, 0.3207



23.2342, 0.2745, 0.3267



10.8276, 0.3002, 0.5831



5.5690, 0.2714, 0.3265



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.2574, 0.2250, 0.3207



19.4778, 0.2221, 0.3195



4.1758, 0.1870, 0.1792



3.4766, 0.2997, 0.3283



13.2478, 0.2221, 0.3196



67.2573, 0.2220, 0.3191

Inverse Universe

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



4.4507, 0.3272, 0.1645



7.3716, 0.3287, 0.1584



6.5698, 0.5059, 0.4194



3.1624, 0.3141, 0.3091



5.0097, 0.3285, 0.1583



25.5019, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 11.2570, 0.2250, 0.3207 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 11.2570, 0.2250, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

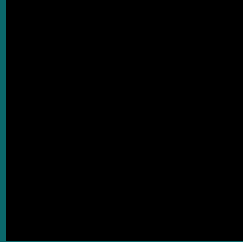
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2570, 0.2250, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 11.2570, 0.2250, 0.3207.



This preview shows how white text looks on a background with the Yxy color 11.2570, 0.2250, 0.3207.

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

11.2570, 0.2250, 0.3207

Protanopia

11.1480, 0.3029, 0.3104

Deuteranopia

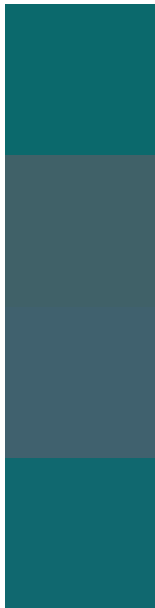
11.2349, 0.2908, 0.2862



Tritanopia

11.2313, 0.2229, 0.3053

Trichromacy



Original Color

11.2570, 0.2250, 0.3207

Protanomaly

10.6389, 0.2598, 0.3110

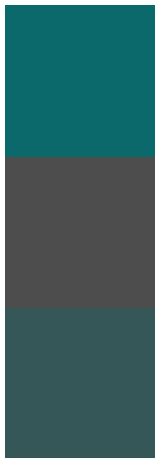
Deuteranomaly

10.7652, 0.2534, 0.2965

Tritanomaly

11.1585, 0.2234, 0.3103

Monochromacy



Original Color

11.2570, 0.2250, 0.3207

Achromatopsia

7.4214, 0.3127, 0.3290

Achromatomaly

8.2779, 0.2614, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2570, 0.2250, 0.3207 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(11, 105, 108)` looks like.

```
.text, #text, p{  
    color:rgb(11, 105, 108)  
}
```

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(11, 105, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 105, 108) }
```

Border

The CSS property to change the border of an element to Yxy 11.2570, 0.2250, 0.3207 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(11, 105, 108) }
```

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

```
.border{ border-color:rgb(11, 105, 108) }
```

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

Here you see how a box with a 4 pixel rgb(11, 105, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 105, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 105, 108);  
box-shadow:4px 4px 4px 4px rgb(11, 105,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2570, 0.2250, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 105, 108) }
```

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

```
.background{ background-color: rgb(11, 105,  
108) }
```

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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