

Converting Colors

$Y_{xy}(11.5832, 0.2372, 0.3513)$

Have a look what the booklet for
Yxy(11.5832, 0.2372, 0.3513)
contains.

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Color

$Y_{xy}(11.5757, 0.2368, 0.3506)$

Conversions

Conversions Part 1

Format	Color
Hex	156B63
RGB	21, 107, 99
RGB Percent	8%, 42%, 39%
CMY	0.9177, 0.5804, 0.6118
CMYK	0.80, 0.00, 0.07, 0.58
HSL	174°, 67%, 25%
HSV	174°, 80%, 42%
XYZ	7.8184, 11.5757, 13.6227
YIQ	80.3740, -48.6880, -20.7200

Conversions

Conversions Part 2

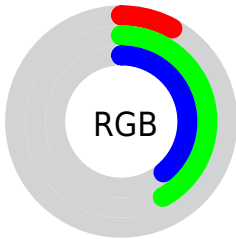
Format	Color
R_{YB}	21, 66, 107
Decimal	1403747
CIE _{Lab}	40.53, -26.23, -2.56
CIE _{LCh}	41, 26.352, 185.571
Yxy	11.5757, 0.2368, 0.3506
Android (android.graphics.Color)	4279593827 (0xFF156B63)
YUV	80.3740, 9.1826, -52.0710
Hunter-Lab	34.0231, -18.5217, 0.0766

Details

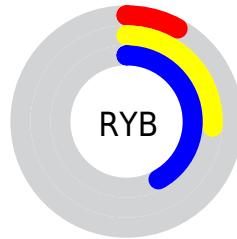
The Yxy color **11.5757, 0.2368, 0.3506** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.7511, 0.5532, 0.3166**, and the grayscale version is **8.0876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7476, 0.2556, 0.3450**, and **3.3850, 0.2323, 0.3564** is the 20% darker color. If you saturate the color by 10%, you get **11.4642, 0.2341, 0.3536**, and if you desaturate by 10%, it is **11.7382, 0.2412, 0.3476**.

Distribution



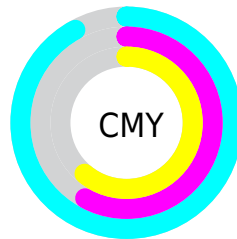
- Red (8%)
- Green (42%)
- Blue (39%)



- Red (8%)
- Yellow (26%)
- Blue (42%)



- Cyan (80%)
- Magenta (0%)
- Yellow (7%)
- Black (58%)





- Cyan (92%)
- Magenta (58%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5757, 0.2368, 0.3506 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 11.5757, 0.2368, 0.3506 by changing the saturation by 10% instead.


 11.5757, 0.2368,
0.3506


 11.5757, 0.2368,
0.3506


 201.5757, 0.2828,
0.3379


 6.4555, 0.2213,
0.3545


 28.7199, 0.2561,
0.3455


 3.1240, 0.1981,
0.3601

 41.5127, 0.2625,
0.3437

 1.1968, 0.1463,
0.3741

 57.6318, 0.2676,
0.3423

 0.0591, 0.0000,
0.1954

 77.4616, 0.2718,
0.3411

 0.0000, 0.0000,
0.0000

 101.3865, 0.2752,
0.3401

 129.7909, 0.2782,

0.3393

163.0592, 0.2807,
0.3386

11.5757, 0.2368,
0.3506

11.5757, 0.2368,
0.3506

11.4642, 0.2341,
0.3536

11.7382, 0.2412,
0.3476

11.3797, 0.2324,
0.3565

11.9561, 0.2472,
0.3446

12.2346, 0.2549,
0.3417

12.5782, 0.2642,
0.3388

12.9909, 0.2747,
0.3361

■ 13.4762, 0.2864,
0.3336

■ 14.0375, 0.2990,
0.3312

■ 14.6781, 0.3122,
0.3291

■ 15.4009, 0.3258,
0.3271

Harmonies

Analogous

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



11.5757, 0.2832, 0.4066



11.5757, 0.2368, 0.3506



11.5757, 0.2115, 0.2934

Triad

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



11.5757, 0.2368, 0.3506



11.5757, 0.2772, 0.2428



11.5757, 0.4250, 0.3921

Complementary

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



11.5757, 0.2368, 0.3506



3.7511, 0.5532, 0.3166

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.



11.5757, 0.4256, 0.3477



11.5757, 0.2368, 0.3506



11.5757, 0.3354, 0.2662

Square

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



11.5757, 0.2368, 0.3506



11.5757, 0.2332, 0.2377



11.5757, 0.3918, 0.3033



11.5757, 0.3925, 0.4263

Rectangle

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



11.5757, 0.2368, 0.3506



11.5757, 0.2082, 0.2647



11.5757, 0.3918, 0.3033



11.5757, 0.4291, 0.3779

Sweetspot

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



11.5761, 0.2368, 0.3506



23.7391, 0.2813, 0.3347



10.8403, 0.3074, 0.5632



5.6889, 0.2781, 0.3354



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.



11.5761, 0.2368, 0.3506



20.4161, 0.2331, 0.3561



5.9339, 0.2044, 0.2280



3.4873, 0.3008, 0.3309



13.8408, 0.2325, 0.3568



70.4566, 0.2329, 0.3585

Inverse Universe

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



3.7511, 0.5532, 0.3166



5.7632, 0.6161, 0.3219



5.9507, 0.5059, 0.3969



3.1209, 0.3260, 0.3271



3.8267, 0.6236, 0.3209



19.4377, 0.6317, 0.3254

Previews

White Background



This preview shows how the Yxy color 11.5757, 0.2368, 0.3506 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 11.5757, 0.2368, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

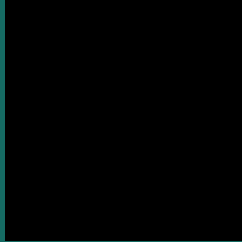
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5757, 0.2368, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 11.5757, 0.2368, 0.3506.



This preview shows how white text looks on a background with the Yxy color 11.5757, 0.2368, 0.3506.

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

11.5757, 0.2368, 0.3506

Protanopia

11.5538, 0.3217, 0.3360

Deuteranopia

11.3803, 0.3122, 0.3065



Tritanopia

11.6025, 0.2292, 0.3083

Trichromacy



Original Color

11.5757, 0.2368, 0.3506

Protanomaly

11.0520, 0.2778, 0.3391

Deuteranomaly

10.8667, 0.2728, 0.3188

Tritanomaly

11.6377, 0.2318, 0.3235

Monochromacy



Original Color

11.5757, 0.2368, 0.3506

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.9303, 0.2712, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5757, 0.2368, 0.3506 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(21, 107, 99)` looks like.

```
.text, #text, p{  
    color:rgb(21, 107, 99)  
}
```

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(21, 107, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 107, 99) }
```

Border

The CSS property to change the border of an element to Yxy 11.5757, 0.2368, 0.3506 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(21, 107, 99) }
```

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

```
.border{ border-color:rgb(21, 107, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 107, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 107, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 107, 99);  
box-shadow:4px 4px 4px 4px rgb(21, 107,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5757, 0.2368, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 107, 99) }
```

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

```
.background{ background-color: rgb(21, 107,  
99) }
```

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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