

Converting Colors

$Y_{xy}(10.8073, 0.2405, 0.3603)$

Have a look what the booklet for
Yxy(10.8073, 0.2405, 0.3603)
contains.

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Color

$Y_{xy}(10.8615, 0.2404, 0.3598)$

Conversions

Conversions Part 1

Format	Color
Hex	16685D
RGB	22, 104, 93
RGB Percent	9%, 41%, 36%
CMY	0.9136, 0.5922, 0.6353
CMYK	0.79, 0.00, 0.11, 0.59
HSL	172°, 65%, 25%
HSV	172°, 79%, 41%
XYZ	7.2571, 10.8615, 12.0690
YIQ	78.2280, -45.3410, -20.8050

Conversions

Conversions Part 2

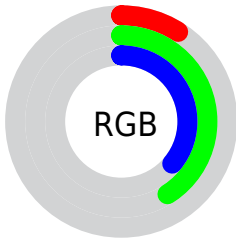
Format	Color
RYB	22, 66, 104
Decimal	1468509
CIELab	39.35, -26.44, -0.65
CIELCh	39, 26.451, 181.404
Yxy	10.8615, 0.2404, 0.3598
Android (android.graphics.Color)	4279658589 (0xFF16685D)
YUV	78.2280, 7.2826, -49.3120
Hunter-Lab	32.9568, -18.3686, 1.3573

Details

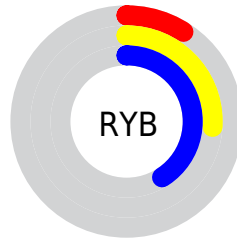
The Yxy color **10.8615, 0.2404, 0.3598** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.6277, 0.5356, 0.3098**, and the grayscale version is **7.6577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.5094, 0.2596, 0.3528**, and **3.0336, 0.2369, 0.3729** is the 20% darker color. If you saturate the color by 10%, you get **10.7420, 0.2377, 0.3642**, and if you desaturate by 10%, it is **11.0299, 0.2448, 0.3554**.

Distribution



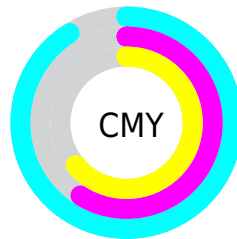
- Red (9%)
- Green (41%)
- Blue (36%)



- Red (9%)
- Yellow (26%)
- Blue (41%)



- Cyan (79%)
- Magenta (0%)
- Yellow (11%)
- Black (59%)





- Cyan (91%)
- Magenta (59%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.8615, 0.2404, 0.3598 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 10.8615, 0.2404, 0.3598 by changing the saturation by 10% instead.


 10.8615, 0.2404,
0.3598


 10.8615, 0.2404,
0.3598


196.7149, 0.2848,
0.3410


 5.9738, 0.2251,
0.3662

 27.4038, 0.2592,
0.3519


 2.8291, 0.2017,
0.3759


 39.8271, 0.2654,
0.3493


 1.0432, 0.1316,
0.4062

 55.5311, 0.2703,
0.3472

 0.0000, 0.0000,
0.0000

 74.9002, 0.2743,
0.3455

 98.3187, 0.2776,
0.3441

 126.1710, 0.2804,

0.3429

158.8416, 0.2827,
0.3419

10.8615, 0.2404,
0.3598

10.8615, 0.2404,
0.3598

10.7420, 0.2377,
0.3642

11.0299, 0.2448,
0.3554

10.6504, 0.2361,
0.3687

11.2512, 0.2508,
0.3510

10.6397, 0.2359,
0.3692

11.5303, 0.2585,
0.3467

11.8710, 0.2676,
0.3426

12.2772, 0.2780,
0.3388

■ 12.7521, 0.2894,
0.3351

■ 13.2989, 0.3015,
0.3317

■ 13.9204, 0.3142,
0.3287

■ 14.6195, 0.3272,
0.3259

Harmonies

Analogous

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



10.8615, 0.2901, 0.4150



10.8615, 0.2404, 0.3598



10.8615, 0.2113, 0.2996

Triad

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



10.8615, 0.2404, 0.3598



10.8615, 0.2689, 0.2390



10.8615, 0.4300, 0.3874

Complementary

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



10.8615, 0.2404, 0.3598



3.6277, 0.5356, 0.3098

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.



10.8615, 0.4257, 0.3415



10.8615, 0.2404, 0.3598



10.8615, 0.3272, 0.2605

Square

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



10.8615, 0.2404, 0.3598



10.8615, 0.2267, 0.2366



10.8615, 0.3866, 0.2968



10.8615, 0.4005, 0.4248

Rectangle

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



10.8615, 0.2404, 0.3598



10.8615, 0.2057, 0.2683



10.8615, 0.3866, 0.2968



10.8615, 0.4326, 0.3724

Sweetspot

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



10.8619, 0.2404, 0.3598



21.8697, 0.2826, 0.3372



10.3044, 0.3114, 0.5565



5.2832, 0.2796, 0.3382



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



10.8619, 0.2404, 0.3598



18.7194, 0.2367, 0.3682



6.2444, 0.2094, 0.2436



3.1792, 0.3014, 0.3318



13.1120, 0.2360, 0.3697



68.2930, 0.2368, 0.3724

Inverse Universe

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



3.6277, 0.5356, 0.3098



5.3760, 0.6035, 0.3164



5.3439, 0.5094, 0.3875



2.8519, 0.3253, 0.3263



3.6636, 0.6150, 0.3161



19.0286, 0.6253, 0.3218

Previews

White Background



This preview shows how the Yxy color 10.8615, 0.2404, 0.3598 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 10.8615, 0.2404, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

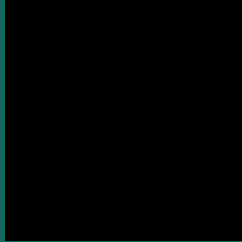
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.8615, 0.2404, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 10.8615, 0.2404, 0.3598.



This preview shows how white text looks on a background with the Yxy color 10.8615, 0.2404, 0.3598.

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

10.8615, 0.2404, 0.3598

Protanopia

10.7591, 0.3264, 0.3434

Deuteranopia

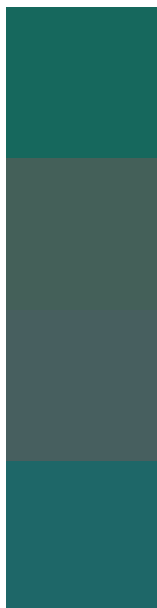
10.8095, 0.3182, 0.3151



Tritanopia

10.9686, 0.2309, 0.3079

Trichromacy



Original Color

10.8615, 0.2404, 0.3598

Protanomaly

10.3160, 0.2819, 0.3475

Deuteranomaly

10.3502, 0.2782, 0.3289

Tritanomaly

10.9760, 0.2342, 0.3261

Monochromacy



Original Color

10.8615, 0.2404, 0.3598

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

8.3405, 0.2741, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8615, 0.2404, 0.3598 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(22, 104, 93)` looks like.

```
.text, #text, p{  
    color:rgb(22, 104, 93)  
}
```

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(22, 104, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 104, 93) }
```

Border

The CSS property to change the border of an element to Yxy 10.8615, 0.2404, 0.3598 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(22, 104, 93) }
```

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

```
.border{ border-color:rgb(22, 104, 93) }
```

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

Here you see how a box with a 4 pixel rgb(22, 104, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 104, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 104, 93);  
box-shadow:4px 4px 4px 4px rgb(22, 104,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 10.8615, 0.2404, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 104, 93) }
```

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

```
.background{ background-color: rgb(22, 104,  
93) }
```

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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