

Converting Colors

$Y_{xy}(10.5592, 0.2359, 0.3415)$

Have a look what the booklet for
Yxy(10.5592, 0.2359, 0.3415)
contains.

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Color

$Y_{xy}(10.5600, 0.2365, 0.3428)$

Conversions

Conversions Part 1

Format	Color
Hex	186661
RGB	24, 102, 97
RGB Percent	9%, 40%, 38%
CMY	0.9058, 0.6000, 0.6197
CMYK	0.76, 0.00, 0.05, 0.60
HSL	176°, 62%, 25%
HSV	176°, 76%, 40%
XYZ	7.2854, 10.5600, 12.9597
YIQ	78.1080, -44.8830, -18.0910

Conversions

Conversions Part 2

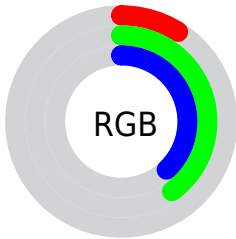
Format	Color
R_{YB}	24, 64, 102
Decimal	1599073
CIE _{Lab}	38.83, -23.94, -3.85
CIE _{LCh}	39, 24.246, 189.130
Yxy	10.5600, 0.2365, 0.3428
Android (android.graphics.Color)	4279789153 (0xFF186661)
YUV	78.1080, 9.3138, -47.4527
Hunter-Lab	32.4962, -16.8498, -0.8980

Details

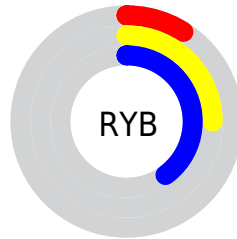
The Yxy color **10.5600, 0.2365, 0.3428** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.5679, 0.5416, 0.3205**, and the grayscale version is **7.6296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.7144, 0.2558, 0.3380**, and **2.8773, 0.2287, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **10.4457, 0.2329, 0.3448**, and if you desaturate by 10%, it is **10.7221, 0.2417, 0.3408**.

Distribution



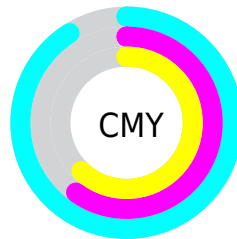
- Red (9%)
- Green (40%)
- Blue (38%)



- Red (9%)
- Yellow (25%)
- Blue (40%)



- Cyan (76%)
- Magenta (0%)
- Yellow (5%)
- Black (60%)




- Cyan (91%)
- Magenta (60%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.5600, 0.2365, 0.3428 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 10.5600, 0.2365, 0.3428 by changing the saturation by 10% instead.


 10.5600, 0.2365,
0.3428


 10.5600, 0.2365,
0.3428


194.6235, 0.2832,
0.3350


 5.7718, 0.2205,
0.3450

 26.8436, 0.2562,
0.3398


 2.7068, 0.1962,
0.3477


 39.1078, 0.2627,
0.3387


 0.9807, 0.1273,
0.3622

 54.6328, 0.2679,
0.3378

 0.0000, 0.0000,
0.0000

 73.8030, 0.2721,
0.3370

 97.0028, 0.2756,
0.3364

 124.6165, 0.2785,

0.3359

157.0286, 0.2810,
0.3354

10.5600, 0.2365,
0.3428

10.5600, 0.2365,
0.3428

10.4457, 0.2329,
0.3448

10.7221, 0.2417,
0.3408

10.3650, 0.2307,
0.3469

10.9355, 0.2487,
0.3388

10.3374, 0.2299,
0.3476

11.2047, 0.2572,
0.3368

11.5335, 0.2672,
0.3349

11.9252, 0.2785,
0.3332

■ 12.3829, 0.2908,
0.3315

■ 12.9097, 0.3039,
0.3299

■ 13.5082, 0.3176,
0.3285

■ 14.1811, 0.3317,
0.3272

Harmonies

Analogous

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



10.5600, 0.2788, 0.3969



10.5600, 0.2365, 0.3428



10.5600, 0.2149, 0.2899

Triad

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



10.5600, 0.2365, 0.3428



10.5600, 0.2851, 0.2485



10.5600, 0.4172, 0.3941

Complementary

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



10.5600, 0.2365, 0.3428



3.5679, 0.5416, 0.3205

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.



10.5600, 0.4215, 0.3525



10.5600, 0.2365, 0.3428



10.5600, 0.3412, 0.2728

Square

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



10.5600, 0.2365, 0.3428



10.5600, 0.2409, 0.2415



10.5600, 0.3930, 0.3095



10.5600, 0.3837, 0.4240

Rectangle

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



10.5600, 0.2365, 0.3428



10.5600, 0.2135, 0.2641



10.5600, 0.3930, 0.3095



10.5600, 0.4223, 0.3809

Sweetspot

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



10.5604, 0.2365, 0.3428



21.1254, 0.2818, 0.3327



9.8336, 0.3061, 0.5543



4.9364, 0.2787, 0.3331



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



10.5604, 0.2365, 0.3428



18.2086, 0.2312, 0.3465



5.3135, 0.2065, 0.2260



3.1823, 0.3006, 0.3303



13.2738, 0.2300, 0.3478



69.1807, 0.2303, 0.3490

Inverse Universe

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



3.5679, 0.5416, 0.3205



5.2297, 0.6091, 0.3238



5.8982, 0.4872, 0.4020



2.8491, 0.3262, 0.3277



3.6441, 0.6283, 0.3235



18.9577, 0.6350, 0.3272

Previews

White Background



This preview shows how the Yxy color 10.5600, 0.2365, 0.3428 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 10.5600, 0.2365, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

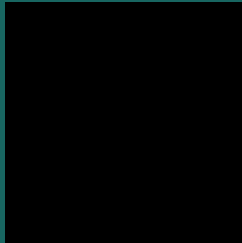
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.5600, 0.2365, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 10.5600, 0.2365, 0.3428.



This preview shows how white text looks on a background with the Yxy color 10.5600, 0.2365, 0.3428.

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

10.5600, 0.2365, 0.3428

Protanopia

10.5475, 0.3174, 0.3314

Deuteranopia

10.5517, 0.3076, 0.3034



Tritanopia

10.5041, 0.2301, 0.3075

Trichromacy



Original Color

10.5600, 0.2365, 0.3428

Protanomaly

10.2037, 0.2768, 0.3342

Deuteranomaly

10.2084, 0.2718, 0.3160

Tritanomaly

10.5680, 0.2324, 0.3206

Monochromacy



Original Color

10.5600, 0.2365, 0.3428

Achromatopsia

7.6185, 0.3127, 0.3290

Achromatomaly

8.3718, 0.2715, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.5600, 0.2365, 0.3428 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(24, 102, 97)` looks like.

```
.text, #text, p{  
  color:rgb(24, 102, 97)  
}
```

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(24, 102, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 102, 97) }
```

Border

The CSS property to change the border of an element to Yxy 10.5600, 0.2365, 0.3428 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(24, 102, 97) }
```

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

```
.border{ border-color:rgb(24, 102, 97) }
```

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

Here you see how a box with a 4 pixel rgb(24, 102, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 102, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 102, 97);  
box-shadow:4px 4px 4px 4px rgb(24, 102,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 10.5600, 0.2365, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 102, 97) }
```

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

```
.background{ background-color: rgb(24, 102,  
97) }
```

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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