

Converting Colors

$Y_{xy}(10.6374, 0.2358, 0.3525)$

Have a look what the booklet for
Yxy(10.6374, 0.2358, 0.3525)
contains.

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Color

$\text{Yxy}(10.6369, 0.2355, 0.3514)$

Conversions

Conversions Part 1

Format	Color
Hex	10675F
RGB	16, 103, 95
RGB Percent	6%, 40%, 37%
CMY	0.9375, 0.5961, 0.6274
CMYK	0.85, 0.00, 0.08, 0.60
HSL	174°, 73%, 23%
HSV	174°, 85%, 40%
XYZ	7.1286, 10.6369, 12.5046
YIQ	76.0750, -49.2840, -20.9320

Conversions

Conversions Part 2

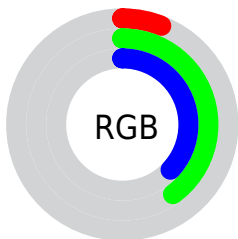
Format	Color
R_{YB}	16, 62, 103
Decimal	1075039
CIE _{Lab}	38.96, -26.05, -2.45
CIE _{LCh}	39, 26.162, 185.379
Yxy	10.6369, 0.2355, 0.3514
Android (android.graphics.Color)	4279265119 (0xFF10675F)
YUV	76.0750, 9.3300, -52.6858
Hunter-Lab	32.6143, -18.0597, 0.0977

Details

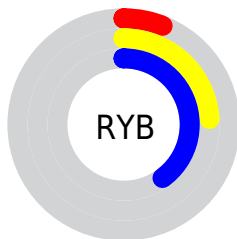
The Yxy color **10.6369, 0.2355, 0.3514** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **3.3179, 0.5688, 0.3176**, and the grayscale version is **7.2275, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.1067, 0.2559, 0.3473**, and **2.9541, 0.2328, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **10.5470, 0.2333, 0.3544**, and if you desaturate by 10%, it is **10.7677, 0.2392, 0.3484**.

Distribution



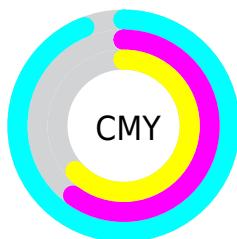
- Red (6%)
- Green (40%)
- Blue (37%)



- Red (6%)
- Yellow (24%)
- Blue (40%)



- Cyan (85%)
- Magenta (0%)
- Yellow (8%)
- Black (60%)




- Cyan (94%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.6369, 0.2355, 0.3514 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 10.6369, 0.2355, 0.3514 by changing the saturation by 10% instead.


 10.6369, 0.2355,
0.3514


 10.6369, 0.2355,
0.3514


195.1592, 0.2828,
0.3381


 5.8232, 0.2192,
0.3556

 26.9868, 0.2555,
0.3459


 2.7379, 0.1945,
0.3616

 39.2917, 0.2621,
0.3441

 0.9965, 0.1188,
0.3855

 54.8626, 0.2673,
0.3426

 0.0000, 0.0000,
0.0000

 74.0838, 0.2716,
0.3414

 97.3396, 0.2751,
0.3404

 125.0146, 0.2781,

0.3395

157.4930, 0.2806,
0.3387

10.6369, 0.2355,
0.3514

10.6369, 0.2355,
0.3514

10.5470, 0.2333,
0.3544

10.7677, 0.2392,
0.3484

10.5014, 0.2322,
0.3560

10.9473, 0.2446,
0.3455

11.1806, 0.2516,
0.3426

11.4720, 0.2603,
0.3398

11.8250, 0.2703,
0.3371

■ 12.2432, 0.2815,
0.3345

■ 12.7296, 0.2937,
0.3321

■ 13.2874, 0.3067,
0.3299

■ 13.9192, 0.3201,
0.3279

Harmonies

Analogous

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



10.6369, 0.2828, 0.4087



10.6369, 0.2355, 0.3514



10.6369, 0.2097, 0.2928

Triad

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



10.6369, 0.2355, 0.3514



10.6369, 0.2760, 0.2412



10.6369, 0.4274, 0.3929

Complementary

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



10.6369, 0.2355, 0.3514



3.3179, 0.5688, 0.3176

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.



10.6369, 0.4279, 0.3476



10.6369, 0.2355, 0.3514



10.6369, 0.3354, 0.2648

Square

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



10.6369, 0.2355, 0.3514



10.6369, 0.2314, 0.2361



10.6369, 0.3931, 0.3025



10.6369, 0.3943, 0.4280

Rectangle

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



10.6369, 0.2355, 0.3514



10.6369, 0.2062, 0.2635



10.6369, 0.3931, 0.3025



10.6369, 0.4316, 0.3783

Sweetspot

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



10.6373, 0.2355, 0.3514



21.8247, 0.2801, 0.3348



9.9407, 0.3066, 0.5713



5.2756, 0.2772, 0.3355



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.



10.6373, 0.2355, 0.3514



18.7932, 0.2325, 0.3568



5.2442, 0.2010, 0.2224



3.1811, 0.3009, 0.3309



13.2082, 0.2323, 0.3563



68.8200, 0.2328, 0.3581

Inverse Universe

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



3.3179, 0.5688, 0.3176



5.1909, 0.6261, 0.3223



5.2676, 0.5170, 0.3969



2.8502, 0.3258, 0.3271



3.6510, 0.6235, 0.3208



18.9804, 0.6318, 0.3254

Previews

White Background



This preview shows how the Yxy color 10.6369, 0.2355, 0.3514 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 10.6369, 0.2355, 0.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

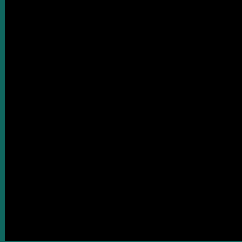
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.6369, 0.2355, 0.3514

Background



This preview shows how black text looks on a background with the Yxy color 10.6369, 0.2355, 0.3514.



This preview shows how white text looks on a background with the Yxy color 10.6369, 0.2355, 0.3514.

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

10.6369, 0.2355, 0.3514

Protanopia

10.5664, 0.3220, 0.3363

Deuteranopia

10.5680, 0.3121, 0.3081



Tritanopia

10.6727, 0.2282, 0.3075

Trichromacy



Original Color

10.6369, 0.2355, 0.3514

Protanomaly

10.0980, 0.2767, 0.3396

Deuteranomaly

10.0974, 0.2717, 0.3211

Tritanomaly

10.6964, 0.2305, 0.3233

Monochromacy



Original Color

10.6369, 0.2355, 0.3514

Achromatopsia

7.2272, 0.3127, 0.3290

Achromatomaly

8.0644, 0.2685, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.6369, 0.2355, 0.3514 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(16, 103, 95)` looks like.

```
.text, #text, p{  
    color:rgb(16, 103, 95)  
}
```

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(16, 103, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 103, 95) }
```

Border

The CSS property to change the border of an element to Yxy 10.6369, 0.2355, 0.3514 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(16, 103, 95) }
```

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

```
.border{ border-color:rgb(16, 103, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 103, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 103, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 103, 95);  
box-shadow:4px 4px 4px 4px rgb(16, 103,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 10.6369, 0.2355, 0.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 103, 95) }
```

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

```
.background{ background-color: rgb(16, 103,  
95) }
```

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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