

Converting Colors

$Yxy(10.4889, 0.1934, 0.2639)$

Have a look what the booklet for
Yxy(10.4889, 0.1934, 0.2639)
contains.

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Color

$\text{Yxy}(10.8397, 0.2067, 0.2641)$

Conversions

Conversions Part 1

Format	Color
Hex	00657F
RGB	0, 101, 127
RGB Percent	0%, 40%, 50%
CMY	1.0000, 0.6039, 0.5020
CMYK	1.00, 0.20, 0.00, 0.50
HSL	192°, 100%, 25%
HSV	192°, 100%, 50%
XYZ	8.4838, 10.8397, 21.7204
YIQ	73.7650, -68.5420, -13.3260

Conversions

Conversions Part 2

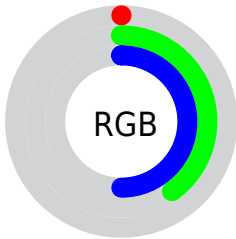
Format	Color
RYB	0, 56, 127
Decimal	25983
CIELab	39.31, -14.95, -21.50
CIELCh	39, 26.185, 235.190
Yxy	10.8397, 0.2067, 0.2641
Android (android.graphics.Color)	4278216063 (0xFF00657F)
YUV	73.7650, 26.2449, -64.6919
Hunter-Lab	32.9237, -11.6206, -16.0682

Details

The Yxy color **10.8397, 0.2067, 0.2641** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5.2496, 0.6120, 0.3523**, and the grayscale version is **6.7661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.3715, 0.2325, 0.2815**, and **3.1884, 0.1986, 0.2351** is the 20% darker color. If you saturate the color by 10%, you get **10.8401, 0.2067, 0.2641**, and if you desaturate by 10%, it is **11.4361, 0.2112, 0.2713**.

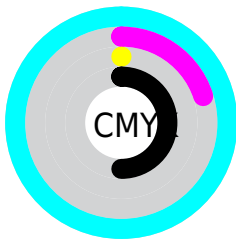
Distribution



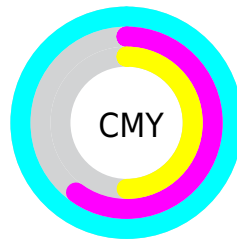
- Red (0%)
- Green (40%)
- Blue (50%)



- Red (0%)
- Yellow (22%)
- Blue (50%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.8397, 0.2067, 0.2641 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 10.8397, 0.2067, 0.2641 by changing the saturation by 10% instead.

10.8397, 0.2067,
0.2641

10.8397, 0.2067,
0.2641

196.5645, 0.2697,
0.3051

5.9591, 0.1868,
0.2496

27.3634, 0.2325,
0.2817

2.8203, 0.1586,
0.2275

39.7753, 0.2412,
0.2875

1.0386, 0.1135,
0.1918

55.4664, 0.2483,
0.2920

0.0000, 0.0000,
0.0000

74.8212, 0.2541,
0.2956

98.2240, 0.2590,
0.2986

126.0592, 0.2631,

0.3011

158.7112, 0.2666,
0.3032

10.8397, 0.2067,
0.2641

10.8397, 0.2067,
0.2641

10.8401, 0.2067,
0.2641

11.4361, 0.2112,
0.2713

12.0934, 0.2168,
0.2785

12.8406, 0.2243,
0.2857

13.6866, 0.2335,
0.2928

14.6392, 0.2442,
0.2997

■ 15.7051, 0.2563,
0.3064

■ 16.8907, 0.2695,
0.3127

■ 18.2015, 0.2835,
0.3186

■ 19.6428, 0.2980,
0.3240

Harmonies

Analogous

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



10.8397, 0.2162, 0.3114



10.8397, 0.2067, 0.2641



10.8397, 0.2215, 0.2396

Triad

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



10.8397, 0.2067, 0.2641



10.8397, 0.3747, 0.2887



10.8397, 0.3602, 0.4376

Complementary

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



10.8397, 0.2067, 0.2641



5.2496, 0.6120, 0.3523

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.



10.8397, 0.4080, 0.4177



10.8397, 0.2067, 0.2641



10.8397, 0.4192, 0.3319

Square

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



10.8397, 0.2067, 0.2641



10.8397, 0.3144, 0.2553



10.8397, 0.4310, 0.3778



10.8397, 0.3022, 0.4222

Rectangle

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



10.8397, 0.2067, 0.2641



10.8397, 0.2441, 0.2359



10.8397, 0.4310, 0.3778



10.8397, 0.3781, 0.4342

Sweetspot

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



10.8401, 0.2067, 0.2641



30.0930, 0.2686, 0.3122



15.2483, 0.2932, 0.5756



6.8645, 0.2638, 0.3100



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



10.8401, 0.2067, 0.2641



19.2007, 0.2062, 0.2625



2.9245, 0.1625, 0.1050



4.7421, 0.2993, 0.3245



10.9322, 0.2067, 0.2641



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.4510, 0.3784, 0.1858



9.7413, 0.3800, 0.1867



11.6384, 0.4820, 0.4555



4.3978, 0.3165, 0.3120



5.4981, 0.3785, 0.1859



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.8397, 0.2067, 0.2641 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 10.8397, 0.2067, 0.2641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

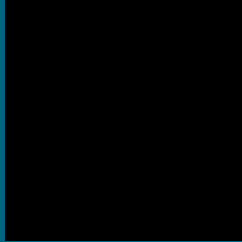
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 10.8397, 0.2067, 0.2641

Background



This preview shows how black text looks on a background with the Yxy color 10.8397, 0.2067, 0.2641.

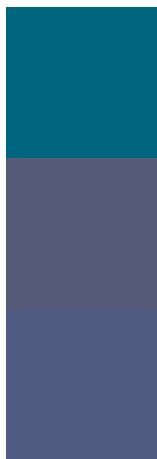


This preview shows how white text looks on a background with the Yxy color 10.8397, 0.2067, 0.2641.

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

10.8397, 0.2067, 0.2641

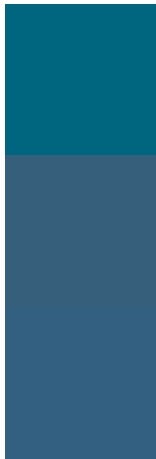
Protanopia

10.7695, 0.2658, 0.2632

Deuteranopia

10.9447, 0.2503, 0.2468

Trichromacy



Original Color

10.8397, 0.2067, 0.2641

Protanomaly

10.3987, 0.2306, 0.2610

Deuteranomaly

10.4467, 0.2241, 0.2502

Monochromacy



Original Color

10.8397, 0.2067, 0.2641

Achromatopsia

6.8478, 0.3127, 0.3290

Achromatomaly

7.7353, 0.2471, 0.3025

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.8397, 0.2067, 0.2641 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(0, 101, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 127)  
}
```

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(0, 101, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 127) }
```

Border

The CSS property to change the border of an element to Yxy 10.8397, 0.2067, 0.2641 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(0, 101, 127) }
```

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

```
.border{ border-color:rgb(0, 101, 127) }
```

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

Here you see how a box with a 4 pixel rgb(0, 101, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
127) }
```

Background

The CSS property to change the background color of an element to Yxy 10.8397, 0.2067, 0.2641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 127) }
```

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

```
.background{ background-color: rgb(0, 101,  
127) }
```

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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