

Converting Colors

$Y_{xy}(9.9905, 0.2053, 0.2571)$

Have a look what the booklet for
Yxy(9.9905, 0.2053, 0.2571)
contains.

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Color

$\text{Yxy}(10.0494, 0.2056, 0.2578)$

Conversions

Conversions Part 1

Format	Color
Hex	03617D
RGB	3, 97, 125
RGB Percent	1%, 38%, 49%
CMY	0.9878, 0.6196, 0.5098
CMYK	0.98, 0.22, 0.00, 0.51
HSL	194°, 95%, 25%
HSV	194°, 98%, 49%
XYZ	8.0146, 10.0494, 20.9174
YIQ	72.0860, -65.0120, -11.2200

Conversions

Conversions Part 2

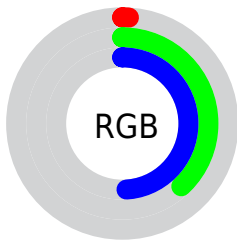
Format	Color
R_{YB}	3, 56, 125
Decimal	221565
CIE Lab	37.93, -13.21, -22.42
CIE LCh	38, 26.018, 239.499
Yxy	10.0494, 0.2056, 0.2578
Android (android.graphics.Color)	4278411645 (0xFF03617D)
YUV	72.0860, 26.0866, -60.5884
Hunter-Lab	31.7008, -10.3481, -16.9313

Details

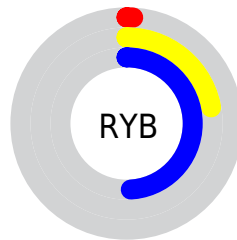
The Yxy color **10.0494, 0.2056, 0.2578** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **5.3524, 0.5990, 0.3576**, and the grayscale version is **6.4648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **26.0139, 0.2321, 0.2774**, and **2.8895, 0.1968, 0.2286** is the 20% darker color. If you saturate the color by 10%, you get **9.8978, 0.2044, 0.2557**, and if you desaturate by 10%, it is **10.6767, 0.2106, 0.2660**.

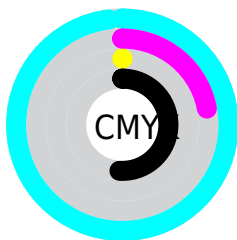
Distribution



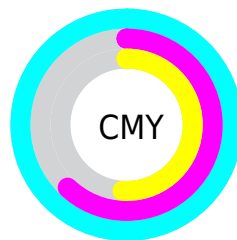
- Red (1%)
- Green (38%)
- Blue (49%)



- Red (1%)
- Yellow (22%)
- Blue (49%)



- Cyan (98%)
- Magenta (22%)
- Yellow (0%)
- Black (51%)



- Cyan (99%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 10.0494, 0.2056, 0.2578 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 10.0494, 0.2056, 0.2578 by changing the saturation by 10% instead.

10.0494, 0.2056,
0.2578

10.0494, 0.2056,
0.2578

191.0243, 0.2698,
0.3028

5.4317, 0.1850,
0.2418

25.8884, 0.2321,
0.2772

2.5027, 0.1557,
0.2175

37.8785, 0.2410,
0.2835

0.8780, 0.1044,
0.1790

53.0948, 0.2482,
0.2884

0.0000, 0.0000,
0.0000

71.9218, 0.2541,
0.2924

94.7439, 0.2590,
0.2957

121.9454, 0.2632,

0.2985

153.9107, 0.2667,
0.3008

10.0494, 0.2056,
0.2578

10.0494, 0.2056,
0.2578

9.8978, 0.2044,
0.2557

10.6767, 0.2106,
0.2660

11.3781, 0.2170,
0.2741

12.1724, 0.2253,
0.2823

13.0680, 0.2352,
0.2903

14.0720, 0.2466,
0.2980

■ 15.1908, 0.2593,
0.3054

■ 16.4305, 0.2728,
0.3124

■ 17.7963, 0.2871,
0.3189

■ 19.2934, 0.3017,
0.3249

Harmonies

Analogous

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



10.0494, 0.2116, 0.3028



10.0494, 0.2056, 0.2578



10.0494, 0.2240, 0.2364

Triad

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



10.0494, 0.2056, 0.2578



10.0494, 0.3839, 0.2938



10.0494, 0.3527, 0.4399

Complementary

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



10.0494, 0.2056, 0.2578



5.3524, 0.5990, 0.3576

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.



10.0494, 0.4039, 0.4237



10.0494, 0.2056, 0.2578



10.0494, 0.4252, 0.3385

Square

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



10.0494, 0.2056, 0.2578



10.0494, 0.3233, 0.2581



10.0494, 0.4318, 0.3849



10.0494, 0.2935, 0.4186

Rectangle

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



10.0494, 0.2056, 0.2578



10.0494, 0.2491, 0.2348



10.0494, 0.4318, 0.3849



10.0494, 0.3715, 0.4381

Sweetspot

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



10.0497, 0.2056, 0.2578



28.9189, 0.2698, 0.3109



14.7774, 0.2920, 0.5678



6.3986, 0.2650, 0.3085



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



10.0497, 0.2056, 0.2578



17.4994, 0.2039, 0.2539



2.8646, 0.1637, 0.1061



4.7246, 0.2993, 0.3239



10.3204, 0.2043, 0.2556



0.0000, 0.0000, 0.0000

Inverse Universe

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



5.2903, 0.3843, 0.1909



9.3066, 0.3884, 0.1913



11.7571, 0.4745, 0.4585



4.3960, 0.3169, 0.3125



5.4364, 0.3867, 0.1904



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 10.0494, 0.2056, 0.2578 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 10.0494, 0.2056, 0.2578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

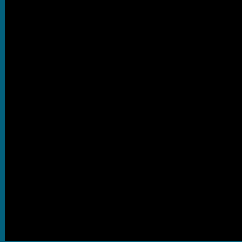
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

Yxy 10.0494, 0.2056, 0.2578

Background



This preview shows how black text looks on a background with the Yxy color 10.0494, 0.2056, 0.2578.



This preview shows how white text looks on a background with the Yxy color 10.0494, 0.2056, 0.2578.

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

10.0494, 0.2056, 0.2578

Protanopia

10.0368, 0.2621, 0.2591

Deuteranopia

10.0076, 0.2451, 0.2400



Tritanopia

9.9852, 0.2185, 0.3066

Trichromacy



Original Color

10.0494, 0.2056, 0.2578

Protanomaly

9.6195, 0.2293, 0.2547

Deuteranomaly

9.6415, 0.2218, 0.2438

Tritanomaly

9.9567, 0.2130, 0.2859

Monochromacy



Original Color

10.0494, 0.2056, 0.2578

Achromatopsia

6.4803, 0.3127, 0.3290

Achromatomaly

7.2445, 0.2478, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0494, 0.2056, 0.2578 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(3, 97, 125)` looks like.

```
.text, #text, p{  
    color:rgb(3, 97, 125)  
}
```

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(3, 97, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 97, 125) }
```

Border

The CSS property to change the border of an element to Yxy 10.0494, 0.2056, 0.2578 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(3, 97, 125) }
```

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

```
.border{ border-color:rgb(3, 97, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 97, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 97, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 97, 125);  
box-shadow:4px 4px 4px 4px rgb(3, 97, 125)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.0494, 0.2056, 0.2578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 97, 125) }
```

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

```
.background{ background-color: rgb(3, 97,  
125) }
```

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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