

Converting Colors

$Yxy(23.4741, 0.2486, 0.4093)$

Have a look what the booklet for
Yxy(23.4741, 0.2486, 0.4093)
contains.

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Color

Yxy(23.4193, 0.2483, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	0B9772
RGB	11, 151, 114
RGB Percent	4%, 59%, 45%
CMY	0.9580, 0.4078, 0.5530
CMYK	0.93, 0.00, 0.25, 0.41
HSL	164°, 87%, 32%
HSV	164°, 93%, 59%
XYZ	14.2385, 23.4193, 19.6862
YIQ	104.9220, -71.5630, -41.1870

Conversions

Conversions Part 2

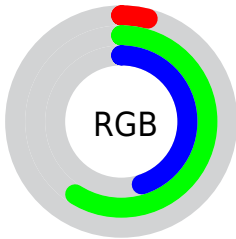
Format	Color
RYB	11, 92, 151
Decimal	759666
CIELab	55.50, -42.65, 10.19
CIELCh	56, 43.847, 166.566
Yxy	23.4193, 0.2483, 0.4084
Android (android.graphics.Color)	4278949746 (0xFF0B9772)
YUV	104.9220, 4.4755, -82.3696
Hunter-Lab	48.3935, -32.1696, 9.7566

Details

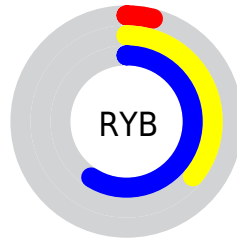
The Yxy color **23.4193, 0.2483, 0.4084** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **7.0244, 0.5622, 0.2945**, and the grayscale version is **14.0836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.0196, 0.2627, 0.3894**, and **9.3170, 0.2541, 0.4348** is the 20% darker color. If you saturate the color by 10%, you get **23.2876, 0.2487, 0.4153**, and if you desaturate by 10%, it is **23.6609, 0.2487, 0.3987**.

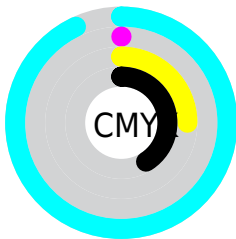
Distribution



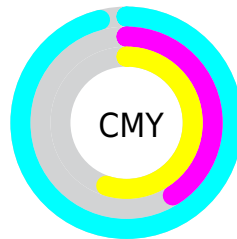
- Red (4%)
- Green (59%)
- Blue (45%)



- Red (4%)
- Yellow (36%)
- Blue (59%)



- Cyan (93%)
- Magenta (0%)
- Yellow (25%)
- Black (41%)





- Cyan (96%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4193, 0.2483, 0.4084 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 23.4193, 0.2483, 0.4084 by changing the saturation by 10% instead.


 23.4193, 0.2483,
0.4084

 23.4193, 0.2483,
0.4084

269.8714, 0.2849,
0.3623


 14.9034, 0.2374,
0.4227

 49.0809, 0.2628,
0.3898


 8.7516, 0.2221,
0.4431


 66.9954, 0.2679,
0.3834


 4.5795, 0.1993,
0.4747

 88.8116, 0.2720,
0.3782

 2.0027, 0.1568,
0.5323

 114.9138, 0.2755,
0.3739

 0.6091, 0.0000,
1.0000

 145.6866, 0.2784,
0.3703

 0.0000, 0.0000,
0.0000

 181.5141, 0.2809,

0.3673

222.7809, 0.2830,
0.3646

■ 23.4193, 0.2483,
0.4084

■ 23.4193, 0.2483,
0.4084

■ 23.2876, 0.2487,
0.4153

■ 23.6609, 0.2487,
0.3987

■ 24.0102, 0.2510,
0.3890

■ 24.4826, 0.2551,
0.3794

■ 25.0903, 0.2611,
0.3701

■ 25.8441, 0.2686,
0.3611

■ 26.7537, 0.2775,
0.3526

■ 27.8279, 0.2874,
0.3447

■ 29.0749, 0.2981,
0.3374

■ 30.5021, 0.3094,
0.3308

Harmonies

Analogous

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



23.4193, 0.3180, 0.4641



23.4193, 0.2483, 0.4084



23.4193, 0.1996, 0.3260

Triad

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



23.4193, 0.2483, 0.4084



23.4193, 0.2280, 0.2129



23.4193, 0.4654, 0.3701

Complementary

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



23.4193, 0.2483, 0.4084



7.0244, 0.5622, 0.2945

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.



23.4193, 0.4379, 0.3140



23.4193, 0.2483, 0.4084



23.4193, 0.2918, 0.2286

Square

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



23.4193, 0.2483, 0.4084



23.4193, 0.1904, 0.2215



23.4193, 0.3706, 0.2643



23.4193, 0.4454, 0.4251

Rectangle

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



23.4193, 0.2483, 0.4084



23.4193, 0.1835, 0.2779



23.4193, 0.3706, 0.2643



23.4193, 0.4617, 0.3511

Sweetspot

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



23.4202, 0.2483, 0.4084



48.7042, 0.2817, 0.3491



22.7913, 0.3151, 0.5814



10.9021, 0.2778, 0.3524



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



23.4202, 0.2483, 0.4084



41.6681, 0.2492, 0.4171



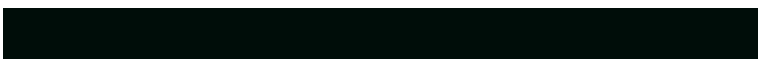
15.3256, 0.2068, 0.2591



6.9987, 0.3022, 0.3349



19.8134, 0.2485, 0.4147



0.3021, 0.2367, 0.3720

Inverse Universe

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



7.0244, 0.5622, 0.2945



12.0290, 0.5896, 0.3021



8.3646, 0.5889, 0.3595



6.2481, 0.3244, 0.3231



5.7308, 0.5832, 0.2986



0.0911, 0.4801, 0.2419

Previews

White Background



This preview shows how the Yxy color 23.4193, 0.2483, 0.4084 looks on a white 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

Black Background



This preview shows how the Yxy color 23.4193, 0.2483, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

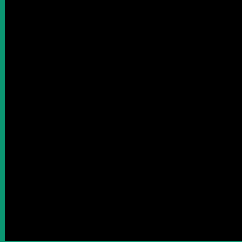
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4193, 0.2483, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 23.4193, 0.2483, 0.4084.



This preview shows how white text looks on a background with the Yxy color 23.4193, 0.2483, 0.4084.

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

23.4193, 0.2483, 0.4084

Protanopia

23.0979, 0.3521, 0.3762

Deuteranopia

22.9947, 0.3499, 0.3425



Tritanopia

23.3381, 0.2291, 0.3059

Trichromacy



Original Color

23.4193, 0.2483, 0.4084



Protanomaly

21.8751, 0.2945, 0.3915



Deuteranomaly

21.5453, 0.2919, 0.3665



Tritanomaly

23.1478, 0.2346, 0.3409

Monochromacy



Original Color

23.4193, 0.2483, 0.4084



Achromatopsia

14.1263, 0.3127, 0.3290



Achromatomaly

16.3414, 0.2707, 0.3607

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4193, 0.2483, 0.4084 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(11, 151, 114)` looks like.

```
.text, #text, p{  
    color:rgb(11, 151, 114)  
}
```

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(11, 151, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 151, 114) }
```

Border

The CSS property to change the border of an element to Yxy 23.4193, 0.2483, 0.4084 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(11, 151, 114) }
```

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

```
.border{ border-color:rgb(11, 151, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 151, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 151, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 151, 114);  
box-shadow:4px 4px 4px 4px rgb(11, 151,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4193, 0.2483, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 151, 114) }
```

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

```
.background{ background-color: rgb(11, 151,  
114) }
```

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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