

Converting Colors

$Yxy(24.6207, 0.2172, 0.3790)$

Have a look what the booklet for
Yxy(24.6207, 0.2172, 0.3790)
contains.

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Color

Yxy(25.8074, 0.2381, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	009D85
RGB	0, 157, 133
RGB Percent	0%, 62%, 52%
CMY	1.0000, 0.3843, 0.4783
CMYK	1.00, 0.00, 0.15, 0.38
HSL	171°, 100%, 31%
HSV	171°, 100%, 62%
XYZ	16.2904, 25.8074, 26.3205
YIQ	107.3210, -85.8680, -40.7480

Conversions

Conversions Part 2

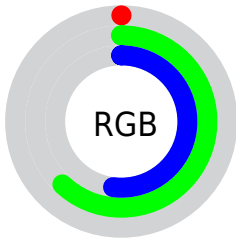
Format	Color
RYB	0, 85, 157
Decimal	40325
CIELab	57.85, -40.60, 2.75
CIELCh	58, 40.691, 176.130
Yxy	25.8074, 0.2381, 0.3772
Android (android.graphics.Color)	4278230405 (0xFF009D85)
YUV	107.3210, 12.6597, -94.1205
Hunter-Lab	50.8010, -31.6619, 4.8419

Details

The Yxy color **25.8074, 0.2381, 0.3772** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.2343, 0.6165, 0.3170**, and the grayscale version is **14.7800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7560, 0.2537, 0.3664**, and **10.7432, 0.2418, 0.3906** is the 20% darker color. If you saturate the color by 10%, you get **25.8092, 0.2381, 0.3772**, and if you desaturate by 10%, it is **25.9838, 0.2386, 0.3719**.

Distribution



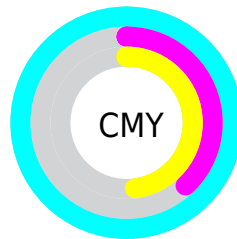
- Red (0%)
- Green (62%)
- Blue (52%)



- Red (0%)
- Yellow (33%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (38%)




- Cyan (100%)
- Magenta (38%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8074, 0.2381, 0.3772 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 25.8074, 0.2381, 0.3772 by changing the saturation by 10% instead.

 25.8074, 0.2381,
0.3772


 25.8074, 0.2381,
0.3772


281.8353, 0.2789,
0.3505


 16.6796, 0.2266,
0.3849


 52.9641, 0.2538,
0.3668

 10.0063, 0.2111,
0.3954


 71.7617, 0.2595,
0.3631

 5.4032, 0.1890,
0.4107

 94.5515, 0.2641,
0.3601

 2.4857, 0.1554,
0.4348

 121.7177, 0.2680,
0.3575

 0.8695, 0.0000,
0.5353

 153.6448, 0.2714,
0.3554

 0.0000, 0.0000,
0.0000

 190.7172, 0.2742,

0.3535

233.3192, 0.2767,
0.3519

■ 25.8074, 0.2381,
0.3772

■ 25.8074, 0.2381,
0.3772

■ 25.8092, 0.2381,
0.3772

■ 25.9838, 0.2386,
0.3719

■ 26.2424, 0.2404,
0.3666

■ 26.6217, 0.2440,
0.3613

■ 27.1369, 0.2496,
0.3560

■ 27.8009, 0.2568,
0.3508

■ 28.6250, 0.2658,
0.3459

■ 29.6198, 0.2761,
0.3412

■ 30.7944, 0.2875,
0.3368

■ 32.1578, 0.2998,
0.3327

Harmonies

Analogous

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



25.8074, 0.2973, 0.4379



25.8074, 0.2381, 0.3772



25.8074, 0.2013, 0.3053

Triad

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



25.8074, 0.2381, 0.3772



25.8074, 0.2523, 0.2252



25.8074, 0.4494, 0.3846

Complementary

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



25.8074, 0.2381, 0.3772



7.2343, 0.6165, 0.3170

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.



25.8074, 0.4378, 0.3325



25.8074, 0.2381, 0.3772



25.8074, 0.3163, 0.2459

Square

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



25.8074, 0.2381, 0.3772



25.8074, 0.2093, 0.2261



25.8074, 0.3867, 0.2838



25.8074, 0.4205, 0.4311

Rectangle

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



25.8074, 0.2381, 0.3772



25.8074, 0.1920, 0.2668



25.8074, 0.3867, 0.2838



25.8074, 0.4504, 0.3673

Sweetspot

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



25.8092, 0.2381, 0.3772



52.9319, 0.2754, 0.3415



24.3370, 0.3056, 0.5956



11.4879, 0.2713, 0.3433



78.7412, 0.3127, 0.3290



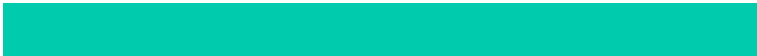
13.2868, 0.3127, 0.3290

Same Dimension

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



25.8092, 0.2381, 0.3772



46.1967, 0.2384, 0.3782



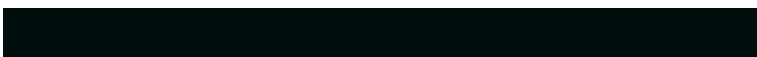
12.4703, 0.1938, 0.2176



7.4921, 0.3008, 0.3324



20.9651, 0.2380, 0.3768



0.3791, 0.2321, 0.3556

Inverse Universe

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



7.2343, 0.6165, 0.3170



12.9371, 0.6200, 0.3189



9.6544, 0.5856, 0.3732



6.6618, 0.3261, 0.3256



5.8790, 0.6150, 0.3161



0.1092, 0.5357, 0.2725

Previews

White Background



This preview shows how the Yxy color 25.8074, 0.2381, 0.3772 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 25.8074, 0.2381, 0.3772 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 25.8074, 0.2381, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 25.8074, 0.2381, 0.3772.



This preview shows how white text looks on a background with the Yxy color 25.8074, 0.2381, 0.3772.

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

25.8074, 0.2381, 0.3772

Protanopia

25.5363, 0.3352, 0.3542

Deuteranopia

25.4645, 0.3278, 0.3226



Tritanopia

26.0346, 0.2265, 0.3068

Trichromacy



Original Color

25.8074, 0.2381, 0.3772



Protanomaly

24.0584, 0.2776, 0.3635



Deuteranomaly

23.6104, 0.2729, 0.3402



Tritanomaly

25.6580, 0.2292, 0.3307

Monochromacy



Original Color

25.8074, 0.2381, 0.3772



Achromatopsia

14.7027, 0.3127, 0.3290



Achromatomaly

17.1571, 0.2617, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8074, 0.2381, 0.3772 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, 157, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 133)  
}
```

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, 157, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 133) }
```

Border

The CSS property to change the border of an element to Yxy 25.8074, 0.2381, 0.3772 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, 157, 133) }
```

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

```
.border{ border-color:rgb(0, 157, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8074, 0.2381, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 133) }
```

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

```
.background{ background-color: rgb(0, 157,  
133) }
```

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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