

Converting Colors

$Yxy(25.3751, 0.2333, 0.3464)$

Have a look what the booklet for
Yxy(25.3751, 0.2333, 0.3464)
contains.

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Color

Yxy(25.3751, 0.2333, 0.3464)

Conversions

Conversions Part 1

Format	Color
Hex	1A9A91
RGB	26, 154, 145
RGB Percent	10%, 60%, 57%
CMY	0.8986, 0.3960, 0.4313
CMYK	0.83, 0.00, 0.06, 0.40
HSL	176°, 71%, 35%
HSV	176°, 83%, 60%
XYZ	17.0901, 25.3751, 30.7886
YIQ	114.7020, -73.3990, -29.9350

Conversions

Conversions Part 2

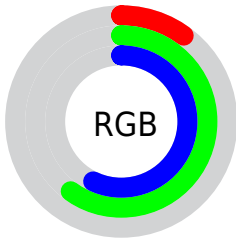
Format	Color
RYB	26, 92, 154
Decimal	1743505
CIELab	57.44, -34.34, -4.65
CIELCh	57, 34.652, 187.717
Yxy	25.3751, 0.2333, 0.3464
Android (android.graphics.Color)	4279933585 (0xFF1A9A91)
YUV	114.7020, 14.9369, -77.7917
Hunter-Lab	50.3737, -27.5949, -0.9766

Details

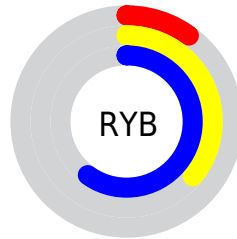
The Yxy color **25.3751, 0.2333, 0.3464** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7.7239, 0.5819, 0.3211**, and the grayscale version is **17.0085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2658, 0.2496, 0.3429**, and **10.3290, 0.2302, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **25.1926, 0.2314, 0.3487**, and if you desaturate by 10%, it is **25.6686, 0.2370, 0.3441**.

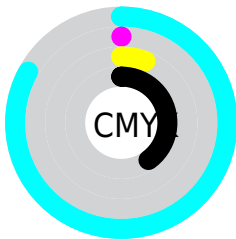
Distribution



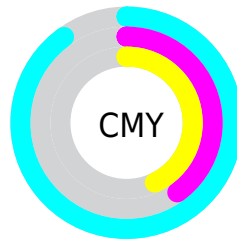
- Red (10%)
- Green (60%)
- Blue (57%)



- Red (10%)
- Yellow (36%)
- Blue (60%)



- Cyan (83%)
- Magenta (0%)
- Yellow (6%)
- Black (40%)





- Cyan (90%)
- Magenta (40%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3751, 0.2333, 0.3464 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 25.3751, 0.2333, 0.3464 by changing the saturation by 10% instead.


 25.3751, 0.2333,
0.3464


 25.3751, 0.2333,
0.3464


 279.7008, 0.2762,
0.3376


 16.3567, 0.2215,
0.3485


 52.2651, 0.2497,
0.3432


 9.7769, 0.2056,
0.3511


 70.9055, 0.2556,
0.3420

 5.2513, 0.1834,
0.3543

 93.5221, 0.2605,
0.3410

 2.3955, 0.1503,
0.3579

 120.4992, 0.2647,
0.3401

 0.8236, 0.0000,
0.3980

 152.2212, 0.2682,
0.3394

 0.0000, 0.0000,
0.0000

 189.0726, 0.2712,

0.3387

231.4377, 0.2739,
0.3381

■ 25.3751, 0.2333,
0.3464

■ 25.3751, 0.2333,
0.3464

■ 25.1926, 0.2314,
0.3487

■ 25.6686, 0.2370,
0.3441

■ 25.1027, 0.2306,
0.3503

■ 26.0856, 0.2424,
0.3418

■ 26.6400, 0.2498,
0.3395

■ 27.3429, 0.2588,
0.3373

■ 28.2047, 0.2694,
0.3351

■ 29.2344, 0.2814,
0.3331

■ 30.4406, 0.2944,
0.3313

■ 31.8313, 0.3082,
0.3295

■ 33.4139, 0.3225,
0.3280

Harmonies

Analogous

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



25.3751, 0.2789, 0.4042



25.3751, 0.2333, 0.3464



25.3751, 0.2095, 0.2893

Triad

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



25.3751, 0.2333, 0.3464



25.3751, 0.2806, 0.2430



25.3751, 0.4249, 0.3957

Complementary

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



25.3751, 0.2333, 0.3464



7.7239, 0.5819, 0.3211

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.



25.3751, 0.4282, 0.3512



25.3751, 0.2333, 0.3464



25.3751, 0.3400, 0.2678

Square

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



25.3751, 0.2333, 0.3464



25.3751, 0.2348, 0.2364



25.3751, 0.3962, 0.3060



25.3751, 0.3901, 0.4291

Rectangle

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



25.3751, 0.2333, 0.3464



25.3751, 0.2073, 0.2614



25.3751, 0.3962, 0.3060



25.3751, 0.4299, 0.3815

Sweetspot

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



25.3761, 0.2333, 0.3464



52.6443, 0.2785, 0.3336



23.5725, 0.3052, 0.5760



11.7747, 0.2746, 0.3342



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.



25.3761, 0.2333, 0.3464



45.5843, 0.2308, 0.3507



11.7835, 0.1979, 0.2145



7.0191, 0.2998, 0.3305



20.4518, 0.2306, 0.3501



0.3077, 0.2277, 0.3398

Inverse Universe

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



7.7239, 0.5819, 0.3211



12.5121, 0.6332, 0.3262



12.5736, 0.5194, 0.4000



6.2294, 0.3273, 0.3275



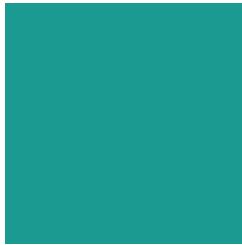
5.6188, 0.6299, 0.3244



0.0856, 0.5841, 0.2991

Previews

White Background



This preview shows how the Yxy color 25.3751, 0.2333, 0.3464 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 25.3751, 0.2333, 0.3464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

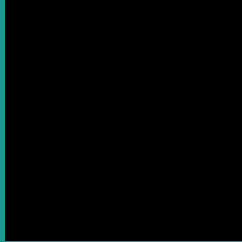
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3751, 0.2333, 0.3464

Background



This preview shows how black text looks on a background with the Yxy color 25.3751, 0.2333, 0.3464.



This preview shows how white text looks on a background with the Yxy color 25.3751, 0.2333, 0.3464.

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

25.3751, 0.2333, 0.3464

Protanopia

24.9330, 0.3182, 0.3307

Deuteranopia

24.9968, 0.3084, 0.3015



Tritanopia

25.3058, 0.2254, 0.3047

Trichromacy



Original Color

25.3751, 0.2333, 0.3464



Protanomaly

24.1057, 0.2723, 0.3363



Deuteranomaly

24.0127, 0.2680, 0.3162



Tritanomaly

25.2659, 0.2280, 0.3193

Monochromacy



Original Color

25.3751, 0.2333, 0.3464



Achromatopsia

17.1441, 0.3127, 0.3290



Achromatomaly

19.0459, 0.2671, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3751, 0.2333, 0.3464 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(26, 154, 145)` looks like.

```
.text, #text, p{  
    color:rgb(26, 154, 145)  
}
```

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(26, 154, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 154, 145) }
```

Border

The CSS property to change the border of an element to Yxy 25.3751, 0.2333, 0.3464 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(26, 154, 145) }
```

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

```
.border{ border-color:rgb(26, 154, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 154, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 154, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 154, 145);  
box-shadow:4px 4px 4px 4px rgb(26, 154,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3751, 0.2333, 0.3464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 154, 145) }
```

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

```
.background{ background-color: rgb(26, 154,  
145) }
```

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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