

Converting Colors

$Yxy(25.1976, 0.2519, 0.4071)$

Have a look what the booklet for
Yxy(25.1976, 0.2519, 0.4071)
contains.

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Color

$Y_{xy}(25.3610, 0.2521, 0.4073)$

Conversions

Conversions Part 1

Format	Color
Hex	1E9C76
RGB	30, 156, 118
RGB Percent	12%, 61%, 46%
CMY	0.8817, 0.3883, 0.5372
CMYK	0.81, 0.00, 0.24, 0.39
HSL	162°, 68%, 37%
HSV	162°, 81%, 61%
XYZ	15.6973, 25.3610, 21.2078
YIQ	113.9940, -62.8980, -38.5300

Conversions

Conversions Part 2

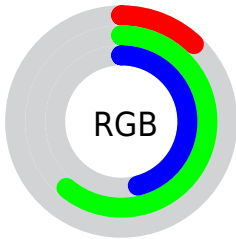
Format	Color
R_{YB}	30, 104, 156
Decimal	2006134
CIE _{Lab}	57.43, -42.16, 10.66
CIE _{LCh}	57, 43.491, 165.809
Yxy	25.3610, 0.2521, 0.4073
Android (android.graphics.Color)	4280196214 (0xFF1E9C76)
YUV	113.9940, 1.9750, -73.6627
Hunter-Lab	50.3597, -32.4904, 10.2832

Details

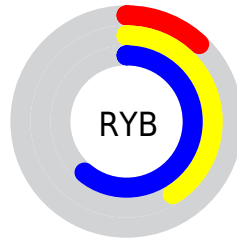
The Yxy color **25.3610, 0.2521, 0.4073** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **8.4232, 0.5081, 0.2811**, and the grayscale version is **16.8475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.0322, 0.2653, 0.3891**, and **10.3428, 0.2537, 0.4333** is the 20% darker color. If you saturate the color by 10%, you get **25.0723, 0.2517, 0.4186**, and if you desaturate by 10%, it is **25.7736, 0.2545, 0.3960**.

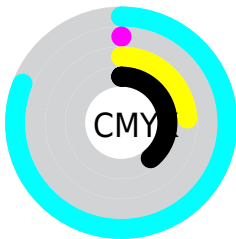
Distribution



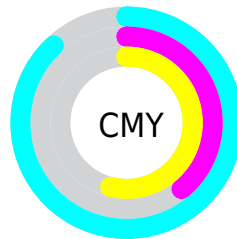
- Red (12%)
- Green (61%)
- Blue (46%)



- Red (12%)
- Yellow (41%)
- Blue (61%)



- Cyan (81%)
- Magenta (0%)
- Yellow (24%)
- Black (39%)





- Cyan (88%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3610, 0.2521, 0.4073 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 25.3610, 0.2521, 0.4073 by changing the saturation by 10% instead.


 25.3610, 0.2521,
0.4073


 25.3610, 0.2521,
0.4073


279.6310, 0.2862,
0.3624


 16.3462, 0.2421,
0.4210


 52.2423, 0.2655,
0.3893

 9.7695, 0.2282,
0.4403


 70.8775, 0.2703,
0.3831


 5.2464, 0.2076,
0.4698

 93.4884, 0.2741,
0.3780

 2.3925, 0.1746,
0.5193

 120.4593, 0.2773,
0.3738

 0.8220, 0.0000,
0.8460

 152.1747, 0.2801,
0.3703

 0.0000, 0.0000,
0.0000

 189.0188, 0.2824,

0.3673

231.3761, 0.2844,
0.3646

■ 25.3610, 0.2521,
0.4073

■ 25.3610, 0.2521,
0.4073

■ 25.0723, 0.2517,
0.4186

■ 25.7736, 0.2545,
0.3960

■ 24.8774, 0.2525,
0.4290

■ 26.3223, 0.2587,
0.3849

■ 27.0211, 0.2647,
0.3741

■ 27.8812, 0.2722,
0.3638

■ 28.9130, 0.2810,
0.3542

■ 30.1259, 0.2907,
0.3452

■ 31.5285, 0.3011,
0.3369

■ 33.1291, 0.3120,
0.3295

■ 34.9352, 0.3230,
0.3228

Harmonies

Analogous

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



25.3610, 0.3201, 0.4597



25.3610, 0.2521, 0.4073



25.3610, 0.2040, 0.3284

Triad

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



25.3610, 0.2521, 0.4073



25.3610, 0.2294, 0.2162



25.3610, 0.4603, 0.3681

Complementary

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



25.3610, 0.2521, 0.4073



8.4232, 0.5081, 0.2811

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.



25.3610, 0.4324, 0.3134



25.3610, 0.2521, 0.4073



25.3610, 0.2908, 0.2308

Square

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



25.3610, 0.2521, 0.4073



25.3610, 0.1933, 0.2254



25.3610, 0.3668, 0.2652



25.3610, 0.4424, 0.4214

Rectangle

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



25.3610, 0.2521, 0.4073



25.3610, 0.1877, 0.2815



25.3610, 0.3668, 0.2652



25.3610, 0.4562, 0.3496

Sweetspot

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



25.3620, 0.2521, 0.4073



53.8419, 0.2869, 0.3485



25.1724, 0.3245, 0.5575



11.6882, 0.2837, 0.3515



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.



25.3620, 0.2521, 0.4073



45.2467, 0.2526, 0.4277



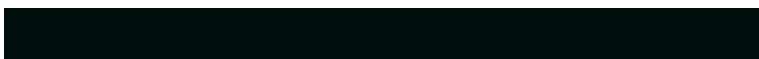
19.4332, 0.2169, 0.2826



7.4753, 0.3026, 0.3358



20.4990, 0.2523, 0.4282



0.3736, 0.2399, 0.3836

Inverse Universe

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



8.4232, 0.5081, 0.2811



13.3620, 0.5683, 0.2927



9.7291, 0.5584, 0.3567



6.6775, 0.3239, 0.3223



5.9971, 0.5705, 0.2916



0.1142, 0.4693, 0.2359

Previews

White Background



This preview shows how the Yxy color 25.3610, 0.2521, 0.4073 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 25.3610, 0.2521, 0.4073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

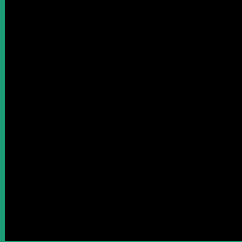
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3610, 0.2521, 0.4073

Background



This preview shows how black text looks on a background with the Yxy color 25.3610, 0.2521, 0.4073.



This preview shows how white text looks on a background with the Yxy color 25.3610, 0.2521, 0.4073.

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

25.3610, 0.2521, 0.4073

Protanopia

25.1064, 0.3530, 0.3762

Deuteranopia

24.9012, 0.3498, 0.3437



Tritanopia

25.2912, 0.2318, 0.3067

Trichromacy



Original Color

25.3610, 0.2521, 0.4073



Protanomaly

24.0594, 0.3018, 0.3902



Deuteranomaly

23.7452, 0.2995, 0.3664



Tritanomaly

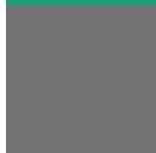
25.1361, 0.2382, 0.3404

Monochromacy



Original Color

25.3610, 0.2521, 0.4073



Achromatopsia

16.8269, 0.3127, 0.3290



Achromatomaly

18.8231, 0.2781, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3610, 0.2521, 0.4073 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(30, 156, 118)` looks like.

```
.text, #text, p{  
  color:rgb(30, 156, 118)  
}
```

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(30, 156, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 156, 118) }
```

Border

The CSS property to change the border of an element to Yxy 25.3610, 0.2521, 0.4073 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(30, 156, 118) }
```

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

```
.border{ border-color:rgb(30, 156, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 156, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 156, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 156, 118);  
box-shadow:4px 4px 4px 4px rgb(30, 156,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3610, 0.2521, 0.4073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 156, 118) }
```

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

```
.background{ background-color: rgb(30, 156,  
118) }
```

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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