

Converting Colors

$Y_{xy}(26.3962, 0.2594, 0.4256)$

Have a look what the booklet for
Yxy(26.3962, 0.2594, 0.4256)
contains.

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Color

$Y_{xy}(26.3594, 0.2594, 0.4251)$

Conversions

Conversions Part 1

Format	Color
Hex	259F70
RGB	37, 159, 112
RGB Percent	15%, 62%, 44%
CMY	0.8549, 0.3765, 0.5609
CMYK	0.77, 0.00, 0.30, 0.38
HSL	157°, 62%, 38%
HSV	157°, 77%, 62%
XYZ	16.0848, 26.3594, 19.5634
YIQ	117.1640, -57.6250, -40.4810

Conversions

Conversions Part 2

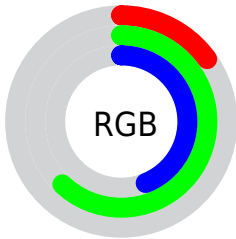
Format	Color
RYB	37, 113, 159
Decimal	2465648
CIELab	58.38, -44.03, 15.38
CIELCh	58, 46.634, 160.744
Yxy	26.3594, 0.2594, 0.4251
Android (android.graphics.Color)	4280655728 (0xFF259F70)
YUV	117.1640, -2.5459, -70.3038
Hunter-Lab	51.3414, -33.9252, 13.3468

Details

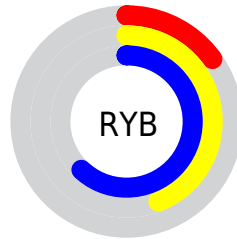
The Yxy color **26.3594, 0.2594, 0.4251** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9.3352, 0.4703, 0.2651**, and the grayscale version is **17.8643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0479, 0.2713, 0.4032**, and **10.6782, 0.2604, 0.4573** is the 20% darker color. If you saturate the color by 10%, you get **25.9957, 0.2589, 0.4398**, and if you desaturate by 10%, it is **26.8625, 0.2618, 0.4104**.

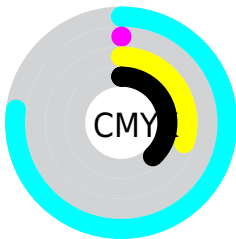
Distribution



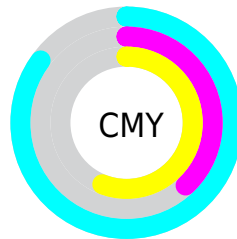
- Red (15%)
- Green (62%)
- Blue (44%)



- Red (15%)
- Yellow (44%)
- Blue (62%)



- Cyan (77%)
- Magenta (0%)
- Yellow (30%)
- Black (38%)




- Cyan (85%)
- Magenta (38%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3594, 0.2594, 0.4251 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 26.3594, 0.2594, 0.4251 by changing the saturation by 10% instead.

 26.3594, 0.2594,
0.4251


 26.3594, 0.2594,
0.4251

284.5419, 0.2899,
0.3697


 17.0927, 0.2502,
0.4421


 53.8542, 0.2715,
0.4028

 10.3006, 0.2374,
0.4661


 72.8511, 0.2758,
0.3951

 5.5987, 0.2180,
0.5028

 95.8601, 0.2792,
0.3889

 2.6027, 0.1862,
0.5643

 123.2657, 0.2820,
0.3837

 0.9280, 0.0000,
1.0000

 155.4523, 0.2845,
0.3794

 0.0000, 0.0000,
0.0000

 192.8043, 0.2865,

0.3757

235.7060, 0.2883,
0.3725

■ 26.3594, 0.2594,
0.4251

■ 26.3594, 0.2594,
0.4251

■ 25.9957, 0.2589,
0.4398

■ 26.8625, 0.2618,
0.4104

■ 25.7460, 0.2603,
0.4543

■ 27.5170, 0.2661,
0.3960

■ 25.6742, 0.2608,
0.4590

■ 28.3367, 0.2720,
0.3821

■ 29.3333, 0.2792,
0.3690

■ 30.5171, 0.2875,
0.3567

■ 31.8979, 0.2966,
0.3455

■ 33.4846, 0.3061,
0.3353

■ 35.2856, 0.3159,
0.3261

■ 37.3089, 0.3258,
0.3179

Harmonies

Analogous

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



26.3594, 0.3326, 0.4720



26.3594, 0.2594, 0.4251



26.3594, 0.2047, 0.3420

Triad

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



26.3594, 0.2594, 0.4251



26.3594, 0.2167, 0.2104



26.3594, 0.4672, 0.3592

Complementary

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



26.3594, 0.2594, 0.4251



9.3352, 0.4703, 0.2651

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.



26.3594, 0.4299, 0.3029



26.3594, 0.2594, 0.4251



26.3594, 0.2768, 0.2219

Square

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



26.3594, 0.2594, 0.4251



26.3594, 0.1839, 0.2242



26.3594, 0.3560, 0.2546



26.3594, 0.4554, 0.4163

Rectangle

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



26.3594, 0.2594, 0.4251



26.3594, 0.1844, 0.2896



26.3594, 0.3560, 0.2546



26.3594, 0.4602, 0.3400

Sweetspot

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



26.3604, 0.2594, 0.4251



55.4245, 0.2905, 0.3529



26.9004, 0.3342, 0.5432



12.3138, 0.2874, 0.3569



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.3604, 0.2594, 0.4251



46.2247, 0.2597, 0.4500



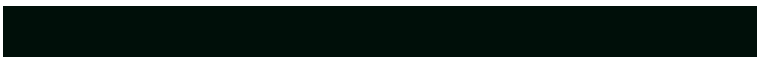
23.7032, 0.2246, 0.3055



7.4661, 0.3037, 0.3378



20.2855, 0.2605, 0.4577



0.3708, 0.2444, 0.4000

Inverse Universe

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



9.3352, 0.4703, 0.2651



14.3212, 0.5226, 0.2708



9.7186, 0.5571, 0.3440



6.6864, 0.3227, 0.3204



6.0980, 0.5387, 0.2741



0.1170, 0.4413, 0.2204

Previews

White Background



This preview shows how the Yxy color 26.3594, 0.2594, 0.4251 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 26.3594, 0.2594, 0.4251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

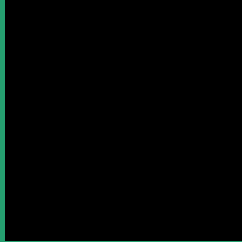
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3594, 0.2594, 0.4251

Background



This preview shows how black text looks on a background with the Yxy color 26.3594, 0.2594, 0.4251.



This preview shows how white text looks on a background with the Yxy color 26.3594, 0.2594, 0.4251.

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

26.3594, 0.2594, 0.4251

Protanopia

25.9285, 0.3634, 0.3885

Deuteranopia

25.8318, 0.3608, 0.3545



Tritanopia

26.2298, 0.2336, 0.3053

Trichromacy



Original Color

26.3594, 0.2594, 0.4251



Protanomaly

24.8496, 0.3122, 0.4043



Deuteranomaly

24.5507, 0.3093, 0.3789



Tritanomaly

26.3023, 0.2424, 0.3459

Monochromacy



Original Color

26.3594, 0.2594, 0.4251



Achromatopsia

17.7888, 0.3127, 0.3290



Achromatomaly

19.8150, 0.2824, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3594, 0.2594, 0.4251 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(37, 159, 112)` looks like.

```
.text, #text, p{  
  color:rgb(37, 159, 112)  
}
```

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(37, 159, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 159, 112) }
```

Border

The CSS property to change the border of an element to Yxy 26.3594, 0.2594, 0.4251 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(37, 159, 112) }
```

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

```
.border{ border-color:rgb(37, 159, 112) }
```

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

Here you see how a box with a 4 pixel rgb(37, 159, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 159, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 159, 112);  
box-shadow:4px 4px 4px 4px rgb(37, 159,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3594, 0.2594, 0.4251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 159, 112) }
```

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

```
.background{ background-color: rgb(37, 159,  
112) }
```

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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