

Converting Colors

$Y_{xy}(26.2513, 0.2562, 0.3791)$

Have a look what the booklet for
Yxy(26.2513, 0.2562, 0.3791)
contains.

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Color

Yxy(26.3493, 0.2562, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	3C9C82
RGB	60, 156, 130
RGB Percent	24%, 61%, 51%
CMY	0.7649, 0.3882, 0.4902
CMYK	0.62, 0.00, 0.17, 0.39
HSL	164°, 44%, 42%
HSV	164°, 62%, 61%
XYZ	17.7790, 26.3493, 25.2667
YIQ	124.3320, -48.8700, -28.4380

Conversions

Conversions Part 2

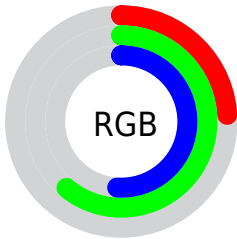
Format	Color
R_{YB}	60, 116, 156
Decimal	3972226
CIE _{Lab}	58.37, -34.60, 5.32
CIE _{LCh}	58, 35.002, 171.263
Yxy	26.3493, 0.2562, 0.3797
Android (android.graphics.Color)	4282162306 (0xFF3C9C82)
YUV	124.3320, 2.7943, -56.4192
Hunter-Lab	51.3316, -28.0056, 6.7480

Details

The Yxy color **26.3493, 0.2562, 0.3797** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.9674, 0.4476, 0.2887**, and the grayscale version is **20.2720, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.7893, 0.2682, 0.3682**, and **10.4947, 0.2438, 0.3975** is the 20% darker color. If you saturate the color by 10%, you get **25.8233, 0.2519, 0.3896**, and if you desaturate by 10%, it is **27.0253, 0.2623, 0.3701**.

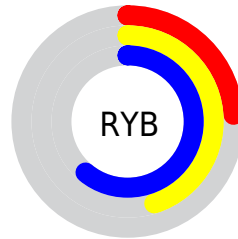
Distribution



Red (24%)

Green (61%)

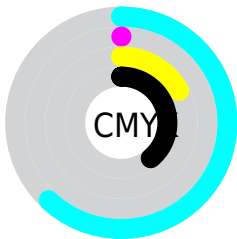
Blue (51%)



Red (24%)

Yellow (45%)

Blue (61%)

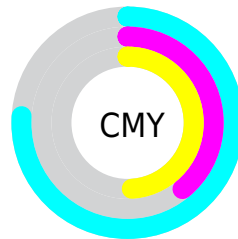


Cyan (62%)

Magenta (0%)

Yellow (17%)

Black (39%)



Cyan (76%)


Magenta (39%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3493, 0.2562, 0.3797 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 26.3493, 0.2562, 0.3797 by changing the saturation by 10% instead.


 26.3493, 0.2562,
0.3797


 26.3493, 0.2562,
0.3797


284.4926, 0.2873,
0.3513


 17.0851, 0.2473,
0.3880

 53.8379, 0.2683,
0.3685

 10.2952, 0.2352,
0.3996


 72.8312, 0.2726,
0.3646


 5.5951, 0.2177,
0.4167

 95.8362, 0.2761,
0.3614

 2.6005, 0.1903,
0.4446

 123.2375, 0.2791,
0.3587

 0.9269, 0.0224,
0.5795

 155.4194, 0.2816,
0.3564

 0.0000, 0.0000,
0.0000

192.7662, 0.2838,

0.3545

235.6625, 0.2857,
0.3528

■ 26.3493, 0.2562,
0.3797

■ 26.3493, 0.2562,
0.3797

■ 25.8233, 0.2519,
0.3896

■ 27.0253, 0.2623,
0.3701

■ 25.4310, 0.2494,
0.3996

■ 27.8596, 0.2700,
0.3609

■ 25.1581, 0.2489,
0.4096

■ 28.8635, 0.2789,
0.3522

■ 24.9888, 0.2494,
0.4180

■ 30.0466, 0.2889,
0.3442

■ 31.4176, 0.2997,
0.3367

■ 32.9847, 0.3109,
0.3300

■ 34.7555, 0.3224,
0.3239

■ 36.7372, 0.3340,
0.3185

■ 38.9368, 0.3454,
0.3137

Harmonies

Analogous

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



26.3493, 0.3099, 0.4258



26.3493, 0.2562, 0.3797



26.3493, 0.2198, 0.3191

Triad

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



26.3493, 0.2562, 0.3797



26.3493, 0.2532, 0.2371



26.3493, 0.4309, 0.3718

Complementary

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



26.3493, 0.2562, 0.3797



10.9674, 0.4476, 0.2887

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.



26.3493, 0.4144, 0.3260



26.3493, 0.2562, 0.3797



26.3493, 0.3066, 0.2524

Square

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



26.3493, 0.2562, 0.3797



26.3493, 0.2187, 0.2419



26.3493, 0.3670, 0.2839



26.3493, 0.4122, 0.4128

Rectangle

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



26.3493, 0.2562, 0.3797



26.3493, 0.2086, 0.2837



26.3493, 0.3670, 0.2839



26.3493, 0.4294, 0.3566

Sweetspot

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



26.3503, 0.2562, 0.3797



55.3293, 0.2923, 0.3417



26.1397, 0.3250, 0.5103



12.0322, 0.2894, 0.3438



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.



26.3503, 0.2562, 0.3797



46.5924, 0.2507, 0.3935



20.7428, 0.2303, 0.2886



7.4788, 0.3022, 0.3351



20.5871, 0.2492, 0.4172



0.3747, 0.2382, 0.3776

Inverse Universe

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



10.9674, 0.4476, 0.2887



16.1939, 0.4981, 0.2861



13.2450, 0.4768, 0.3619



6.6742, 0.3244, 0.3230



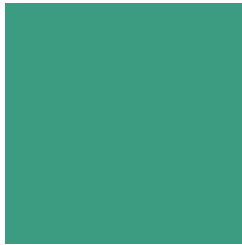
5.9661, 0.5813, 0.2976



0.1132, 0.4812, 0.2425

Previews

White Background



This preview shows how the Yxy color 26.3493, 0.2562, 0.3797 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 26.3493, 0.2562, 0.3797 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 26.3493, 0.2562, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 26.3493, 0.2562, 0.3797.



This preview shows how white text looks on a background with the Yxy color 26.3493, 0.2562, 0.3797.

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

26.3493, 0.2562, 0.3797

Protanopia

25.9567, 0.3394, 0.3590

Deuteranopia

26.0458, 0.3355, 0.3291



Tritanopia

26.2300, 0.2390, 0.3055

Trichromacy



Original Color

26.3493, 0.2562, 0.3797

Protanomaly

25.3509, 0.3017, 0.3671

Deuteranomaly

25.3314, 0.2984, 0.3467

Tritanomaly

26.2784, 0.2446, 0.3307

Monochromacy



Original Color

26.3493, 0.2562, 0.3797

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.8814, 0.2855, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3493, 0.2562, 0.3797 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(60, 156, 130)` looks like.

```
.text, #text, p{  
    color:rgb(60, 156, 130)  
}
```

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(60, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 156, 130) }
```

Border

The CSS property to change the border of an element to Yxy 26.3493, 0.2562, 0.3797 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(60, 156, 130) }
```

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

```
.border{ border-color:rgb(60, 156, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 156, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 156, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 156, 130);  
box-shadow:4px 4px 4px 4px rgb(60, 156,  
130) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.3493, 0.2562, 0.3797$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 156, 130) }
```

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

```
.background{ background-color: rgb(60, 156,  
130) }
```

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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