

Converting Colors

$Yxy(24.4895, 0.2594, 0.3946)$

Have a look what the booklet for
Yxy(24.4895, 0.2594, 0.3946)
contains.

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Color

$Y_{xy}(24.6006, 0.2599, 0.3962)$

Conversions

Conversions Part 1

Format	Color
Hex	379877
RGB	55, 152, 119
RGB Percent	22%, 60%, 47%
CMY	0.7840, 0.4039, 0.5333
CMYK	0.64, 0.00, 0.22, 0.40
HSL	160°, 47%, 41%
HSV	160°, 64%, 60%
XYZ	16.1375, 24.6006, 21.3532
YIQ	119.2350, -47.2190, -30.8270

Conversions

Conversions Part 2

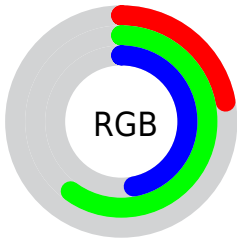
Format	Color
RYB	55, 113, 152
Decimal	3643511
CIELab	56.68, -36.43, 9.12
CIElCh	57, 37.552, 165.945
Yxy	24.6006, 0.2599, 0.3962
Android (android.graphics.Color)	4281833591 (0xFF379877)
YUV	119.2350, -0.1159, -56.3341
Hunter-Lab	49.5990, -28.7214, 9.1939

Details

The Yxy color **24.6006, 0.2599, 0.3962** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **10.1218, 0.4399, 0.2769**, and the grayscale version is **18.5459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.0107, 0.2716, 0.3812**, and **9.5693, 0.2501, 0.4202** is the 20% darker color. If you saturate the color by 10%, you get **24.1148, 0.2565, 0.4089**, and if you desaturate by 10%, it is **25.2274, 0.2651, 0.3838**.

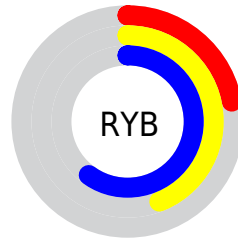
Distribution



Red (22%)

Green (60%)

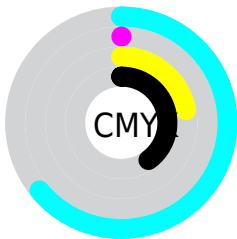
Blue (47%)



Red (22%)

Yellow (44%)

Blue (60%)

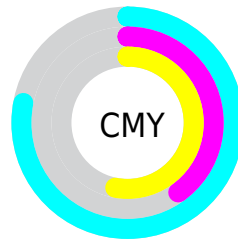


Cyan (64%)

Magenta (0%)

Yellow (22%)

Black (40%)



Cyan (78%)

Magenta (40%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.6006, 0.2599, 0.3962 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 24.6006, 0.2599, 0.3962 by changing the saturation by 10% instead.


 24.6006, 0.2599,
0.3962

 24.6006, 0.2599,
0.3962


275.8430, 0.2897,
0.3577

 15.7797, 0.2511,
0.4079


 51.0085, 0.2717,
0.3808


 9.3684, 0.2388,
0.4246


 69.3644, 0.2758,
0.3754


 4.9823, 0.2206,
0.4500

 91.6674, 0.2791,
0.3711

 2.2369, 0.1910,
0.4930

 118.3019, 0.2820,
0.3675

 0.7400, 0.0000,
0.8149

 149.6523, 0.2843,
0.3644

 0.0000, 0.0000,
0.0000

186.1031, 0.2864,

0.3619

228.0385, 0.2881,
0.3596

■ 24.6006, 0.2599,
0.3962

■ 24.6006, 0.2599,
0.3962

■ 24.1148, 0.2565,
0.4089

■ 25.2274, 0.2651,
0.3838

■ 23.7543, 0.2550,
0.4218

■ 26.0034, 0.2718,
0.3719

■ 23.5050, 0.2555,
0.4345

■ 26.9395, 0.2798,
0.3607

■ 23.3797, 0.2562,
0.4425

■ 28.0448, 0.2889,
0.3503

■ 29.3276, 0.2986,
0.3407

■ 30.7957, 0.3088,
0.3320

■ 32.4566, 0.3193,
0.3242

■ 34.3171, 0.3297,
0.3173

■ 36.3838, 0.3401,
0.3111

Harmonies

Analogous

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



24.6006, 0.3202, 0.4414



24.6006, 0.2599, 0.3962



24.6006, 0.2166, 0.3291

Triad

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



24.6006, 0.2599, 0.3962



24.6006, 0.2394, 0.2286



24.6006, 0.4419, 0.3657

Complementary

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



24.6006, 0.2599, 0.3962



10.1218, 0.4399, 0.2769

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.



24.6006, 0.4172, 0.3165



24.6006, 0.2599, 0.3962



24.6006, 0.2942, 0.2416

Square

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



24.6006, 0.2599, 0.3962



24.6006, 0.2066, 0.2375



24.6006, 0.3606, 0.2728



24.6006, 0.4273, 0.4125

Rectangle

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



24.6006, 0.2599, 0.3962



24.6006, 0.2016, 0.2882



24.6006, 0.3606, 0.2728



24.6006, 0.4381, 0.3491

Sweetspot

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



24.6016, 0.2599, 0.3962



50.4594, 0.2931, 0.3460



24.8556, 0.3309, 0.5128



11.3363, 0.2905, 0.3486



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



24.6016, 0.2599, 0.3962



42.2403, 0.2556, 0.4150



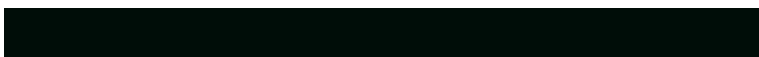
21.1037, 0.2313, 0.3003



6.9908, 0.3032, 0.3367



19.6110, 0.2560, 0.4416



0.2999, 0.2407, 0.3864

Inverse Universe

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



10.1218, 0.4399, 0.2769



14.5279, 0.4883, 0.2735



11.2853, 0.4930, 0.3520



6.2557, 0.3233, 0.3215



5.8084, 0.5558, 0.2836



0.0932, 0.4516, 0.2261

Previews

White Background



This preview shows how the Yxy color 24.6006, 0.2599, 0.3962 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 24.6006, 0.2599, 0.3962 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 24.6006, 0.2599, 0.3962

Background



This preview shows how black text looks on a background with the Yxy color 24.6006, 0.2599, 0.3962.



This preview shows how white text looks on a background with the Yxy color 24.6006, 0.2599, 0.3962.

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

24.6006, 0.2599, 0.3962

Protanopia

24.3153, 0.3479, 0.3701

Deuteranopia

24.0959, 0.3456, 0.3389



Tritanopia

24.6727, 0.2389, 0.3067

Trichromacy



Original Color

24.6006, 0.2599, 0.3962



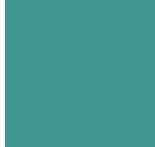
Protanomaly

23.6442, 0.3072, 0.3799



Deuteranomaly

23.3640, 0.3059, 0.3585



Tritanomaly

24.6323, 0.2468, 0.3384

Monochromacy



Original Color

24.6006, 0.2599, 0.3962



Achromatopsia

18.4475, 0.3127, 0.3290



Achromatomaly

20.0513, 0.2865, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6006, 0.2599, 0.3962 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(55, 152, 119)` looks like.

```
.text, #text, p{  
    color:rgb(55, 152, 119)  
}
```

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(55, 152, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 152, 119) }
```

Border

The CSS property to change the border of an element to Yxy 24.6006, 0.2599, 0.3962 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(55, 152, 119) }
```

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

```
.border{ border-color:rgb(55, 152, 119) }
```

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

Here you see how a box with a 4 pixel rgb(55, 152, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 152, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 152, 119);  
box-shadow:4px 4px 4px 4px rgb(55, 152,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6006, 0.2599, 0.3962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 152, 119) }
```

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

```
.background{ background-color: rgb(55, 152,  
119) }
```

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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