

Converting Colors

$Yxy(24.6353, 0.2643, 0.3782)$

Have a look what the booklet for
Yxy(24.6353, 0.2643, 0.3782)
contains.

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Color

Yxy(24.6330, 0.2644, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	47967D
RGB	71, 150, 125
RGB Percent	28%, 59%, 49%
CMY	0.7212, 0.4118, 0.5098
CMYK	0.53, 0.00, 0.17, 0.41
HSL	161°, 36%, 43%
HSV	161°, 53%, 59%
XYZ	17.2119, 24.6330, 23.2529
YIQ	123.5290, -39.0590, -24.5230

Conversions

Conversions Part 2

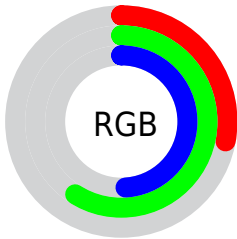
Format	Color
R_{YB}	71, 118, 150
Decimal	4691581
CIE _{Lab}	56.72, -30.55, 5.83
CIE _{LCh}	57, 31.104, 169.204
Yxy	24.6330, 0.2644, 0.3784
Android (android.graphics.Color)	4282881661 (0xFF47967D)
YUV	123.5290, 0.7252, -46.0679
Hunter-Lab	49.6316, -24.9530, 6.9642

Details

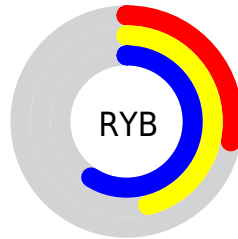
The Yxy color **24.6330, 0.2644, 0.3784** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.8470, 0.4107, 0.2870**, and the grayscale version is **20.0064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.2370, 0.2746, 0.3672**, and **9.4713, 0.2460, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **24.0159, 0.2588, 0.3898**, and if you desaturate by 10%, it is **25.3980, 0.2715, 0.3675**.

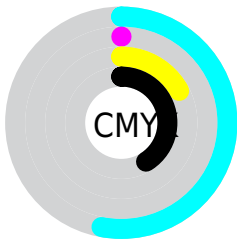
Distribution



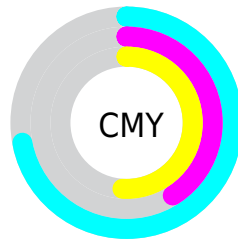
- Red (28%)
- Green (59%)
- Blue (49%)



- Red (28%)
- Yellow (46%)
- Blue (59%)



- Cyan (53%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)





- Cyan (72%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.6330, 0.2644, 0.3784 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 24.6330, 0.2644, 0.3784 by changing the saturation by 10% instead.


 24.6330, 0.2644,
0.3784

 24.6330, 0.2644,
0.3784


276.0053, 0.2914,
0.3504

 15.8038, 0.2565,
0.3868


 51.0612, 0.2750,
0.3673


 9.3855, 0.2457,
0.3986


 69.4291, 0.2787,
0.3634


 4.9934, 0.2296,
0.4164

 91.7453, 0.2818,
0.3602

 2.2434, 0.2038,
0.4460

 118.3942, 0.2843,
0.3576

 0.7435, 0.0000,
0.6489

 149.7603, 0.2865,
0.3554

 0.0000, 0.0000,
0.0000

186.2279, 0.2884,

0.3535

228.1814, 0.2900,
0.3518

■ 24.6330, 0.2644,
0.3784

■ 24.6330, 0.2644,
0.3784

■ 24.0159, 0.2588,
0.3898

■ 25.3980, 0.2715,
0.3675

■ 23.5330, 0.2550,
0.4015

■ 26.3173, 0.2799,
0.3572

■ 23.1734, 0.2531,
0.4134

■ 27.4006, 0.2893,
0.3477

■ 22.9228, 0.2531,
0.4252

■ 28.6560, 0.2994,
0.3389

■ 22.7794, 0.2539,
0.4339

■ 30.0910, 0.3099,
0.3309

■ 31.7125, 0.3207,
0.3238

■ 33.5272, 0.3315,
0.3174

■ 35.5416, 0.3422,
0.3117

■ 37.7615, 0.3527,
0.3067

Harmonies

Analogous

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



24.6330, 0.3143, 0.4180



24.6330, 0.2644, 0.3784



24.6330, 0.2293, 0.3241

Triad

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



24.6330, 0.2644, 0.3784



24.6330, 0.2556, 0.2443



24.6330, 0.4202, 0.3662

Complementary

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



24.6330, 0.2644, 0.3784



11.8470, 0.4107, 0.2870

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.



24.6330, 0.4028, 0.3239



24.6330, 0.2644, 0.3784



24.6330, 0.3036, 0.2571

Square

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



24.6330, 0.2644, 0.3784



24.6330, 0.2250, 0.2504



24.6330, 0.3585, 0.2854



24.6330, 0.4058, 0.4040

Rectangle

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



24.6330, 0.2644, 0.3784



24.6330, 0.2178, 0.2913



24.6330, 0.3585, 0.2854



24.6330, 0.4180, 0.3521

Sweetspot

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



24.6340, 0.2644, 0.3784



49.7192, 0.2956, 0.3421



24.7570, 0.3277, 0.4807



10.9279, 0.2937, 0.3437



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.6340, 0.2644, 0.3784



42.2325, 0.2581, 0.3917



21.0199, 0.2411, 0.3008



6.5313, 0.3029, 0.3361



18.9010, 0.2536, 0.4330



0.2367, 0.2388, 0.3796

Inverse Universe

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



11.8470, 0.4107, 0.2870



17.1734, 0.4463, 0.2805



13.5241, 0.4450, 0.3538



5.8438, 0.3236, 0.3220



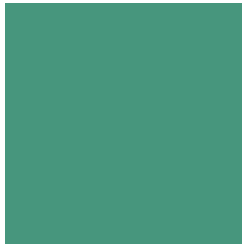
5.5565, 0.5643, 0.2882



0.0729, 0.4580, 0.2297

Previews

White Background



This preview shows how the Yxy color 24.6330, 0.2644, 0.3784 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 24.6330, 0.2644, 0.3784 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 24.6330, 0.2644, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 24.6330, 0.2644, 0.3784.



This preview shows how white text looks on a background with the Yxy color 24.6330, 0.2644, 0.3784.

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

24.6330, 0.2644, 0.3784

Protanopia

24.3631, 0.3401, 0.3598

Deuteranopia

24.3969, 0.3384, 0.3324



Tritanopia

24.7414, 0.2466, 0.3088

Trichromacy



Original Color

24.6330, 0.2644, 0.3784

Protanomaly

23.8252, 0.3067, 0.3659

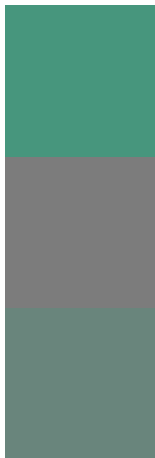
Deuteranomaly

23.8730, 0.3054, 0.3470

Tritanomaly

24.4896, 0.2527, 0.3326

Monochromacy



Original Color

24.6330, 0.2644, 0.3784

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.2336, 0.2912, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.6330, 0.2644, 0.3784 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(71, 150, 125)` looks like.

```
.text, #text, p{  
    color:rgb(71, 150, 125)  
}
```

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(71, 150, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 150, 125) }
```

Border

The CSS property to change the border of an element to Yxy 24.6330, 0.2644, 0.3784 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(71, 150, 125) }
```

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

```
.border{ border-color:rgb(71, 150, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 150, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 150, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 150, 125);  
box-shadow:4px 4px 4px 4px rgb(71, 150,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 24.6330, 0.2644, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 150, 125) }
```

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

```
.background{ background-color: rgb(71, 150,  
125) }
```

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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