

Converting Colors

$Yxy(24.0594, 0.2576, 0.3521)$

Have a look what the booklet for
Yxy(24.0594, 0.2576, 0.3521)
contains.

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Color

$\text{Yxy}(24.0726, 0.2580, 0.3522)$

Conversions

Conversions Part 1

Format	Color
Hex	4A9387
RGB	74, 147, 135
RGB Percent	29%, 58%, 53%
CMY	0.7096, 0.4235, 0.4705
CMYK	0.50, 0.00, 0.08, 0.42
HSL	170°, 33%, 43%
HSV	170°, 50%, 58%
XYZ	17.6341, 24.0726, 26.6425
YIQ	123.8050, -39.6560, -19.2080

Conversions

Conversions Part 2

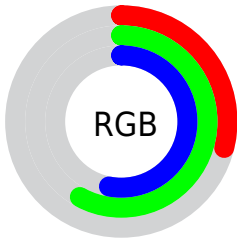
Format	Color
R_{YB}	74, 114, 147
Decimal	4887431
CIE _{Lab}	56.16, -25.86, -0.68
CIE _{LCh}	56, 25.872, 181.504
Yxy	24.0726, 0.2580, 0.3522
Android (android.graphics.Color)	4283077511 (0xFF4A9387)
YUV	123.8050, 5.5191, -43.6790
Hunter-Lab	49.0638, -21.7068, 2.1492

Details

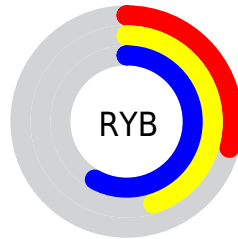
The Yxy color **24.0726, 0.2580, 0.3522** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11.7790, 0.4234, 0.3085**, and the grayscale version is **20.0832, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9933, 0.2698, 0.3471**, and **9.0998, 0.2379, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **23.4890, 0.2507, 0.3577**, and if you desaturate by 10%, it is **24.7960, 0.2669, 0.3469**.

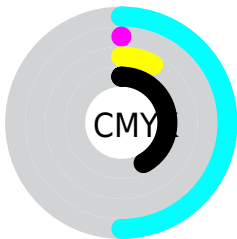
Distribution



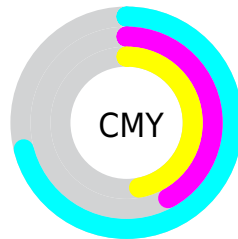
- Red (29%)
- Green (58%)
- Blue (53%)



- Red (29%)
- Yellow (45%)
- Blue (58%)



- Cyan (50%)
- Magenta (0%)
- Yellow (8%)
- Black (42%)





- Cyan (71%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0726, 0.2580, 0.3522 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 24.0726, 0.2580, 0.3522 by changing the saturation by 10% instead.


 24.0726, 0.2580,
0.3522


 24.0726, 0.2580,
0.3522


273.1873, 0.2882,
0.3395


 15.3875, 0.2494,
0.3558


 50.1486, 0.2697,
0.3473

 9.0918, 0.2376,
0.3607


 68.3084, 0.2739,
0.3455

 4.8011, 0.2205,
0.3677

 90.3951, 0.2773,
0.3441

 2.1310, 0.1937,
0.3787

 116.7932, 0.2802,
0.3429

 0.6820, 0.0113,
0.4581

 147.8871, 0.2826,
0.3418

 0.0000, 0.0000,
0.0000

184.0611, 0.2847,

0.3409

225.6997, 0.2866,
0.3402

■ 24.0726, 0.2580,
0.3522

■ 24.0726, 0.2580,
0.3522

■ 23.4890, 0.2507,
0.3577

■ 24.7960, 0.2669,
0.3469

■ 23.0327, 0.2452,
0.3634

■ 25.6651, 0.2771,
0.3419

■ 22.6938, 0.2415,
0.3691


■ 26.6887, 0.2884,
0.3372


■ 22.4596, 0.2396,
0.3748

■ 27.8745, 0.3005,
0.3328


■ 22.2982, 0.2391,
0.3806

■ 29.2291, 0.3132,
0.3289

 22.2924, 0.2391,
0.3808

 30.7593, 0.3262,
0.3253

 32.4711, 0.3394,
0.3221

 34.3705, 0.3524,
0.3192

 36.4630, 0.3653,
0.3167

Harmonies

Analogous

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



24.0726, 0.2965, 0.3917



24.0726, 0.2580, 0.3522



24.0726, 0.2348, 0.3081

Triad

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



24.0726, 0.2580, 0.3522



24.0726, 0.2800, 0.2593



24.0726, 0.4012, 0.3756

Complementary

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



24.0726, 0.2580, 0.3522



11.7790, 0.4234, 0.3085

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.



24.0726, 0.3973, 0.3403



24.0726, 0.2580, 0.3522



24.0726, 0.3244, 0.2762

Square

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



24.0726, 0.2580, 0.3522



24.0726, 0.2469, 0.2580



24.0726, 0.3684, 0.3050



24.0726, 0.3799, 0.4023

Rectangle

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



24.0726, 0.2580, 0.3522



24.0726, 0.2301, 0.2839



24.0726, 0.3684, 0.3050



24.0726, 0.4029, 0.3643

Sweetspot

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



24.0735, 0.2580, 0.3522



48.6792, 0.2935, 0.3352



23.3495, 0.3165, 0.4760



11.0217, 0.2912, 0.3361



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.



24.0735, 0.2580, 0.3522



41.9217, 0.2497, 0.3586



17.6508, 0.2403, 0.2802



6.5460, 0.3010, 0.3327



19.3306, 0.2390, 0.3805



0.2401, 0.2314, 0.3529

Inverse Universe

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



11.7790, 0.4234, 0.3085



17.1795, 0.4665, 0.3053



15.5013, 0.4236, 0.3716



5.8300, 0.3258, 0.3254



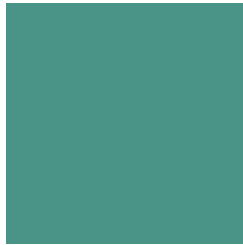
5.4381, 0.6116, 0.3143



0.0695, 0.5250, 0.2666

Previews

White Background



This preview shows how the Yxy color 24.0726, 0.2580, 0.3522 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 24.0726, 0.2580, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

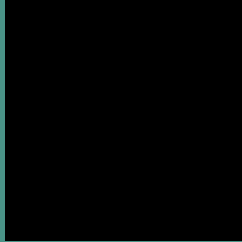
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0726, 0.2580, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 24.0726, 0.2580, 0.3522.

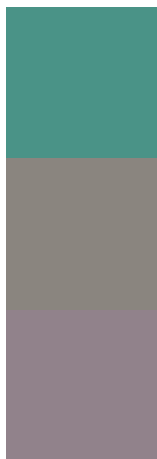


This preview shows how white text looks on a background with the Yxy color 24.0726, 0.2580, 0.3522.

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

24.0726, 0.2580, 0.3522

Protanopia

23.7106, 0.3249, 0.3394

Deuteranopia

23.8491, 0.3204, 0.3141



Tritanopia

24.0961, 0.2466, 0.3068

Trichromacy



Original Color

24.0726, 0.2580, 0.3522

Protanomaly

23.4335, 0.2960, 0.3436

Deuteranomaly

23.3652, 0.2924, 0.3254

Tritanomaly

24.0086, 0.2505, 0.3232

Monochromacy



Original Color

24.0726, 0.2580, 0.3522

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.1252, 0.2883, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0726, 0.2580, 0.3522 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(74, 147, 135)` looks like.

```
.text, #text, p{  
  color:rgb(74, 147, 135)  
}
```

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(74, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 147, 135) }
```

Border

The CSS property to change the border of an element to Yxy 24.0726, 0.2580, 0.3522 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(74, 147, 135) }
```

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

```
.border{ border-color:rgb(74, 147, 135) }
```

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

Here you see how a box with a 4 pixel rgb(74, 147, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(74, 147,  
135) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 24.0726, 0.2580, 0.3522$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 147, 135) }
```

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

```
.background{ background-color: rgb(74, 147,  
135) }
```

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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