

Converting Colors

$Yxy(25.4484, 0.2474, 0.3455)$

Have a look what the booklet for
Yxy(25.4484, 0.2474, 0.3455)
contains.

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Color

$Y_{xy}(25.4964, 0.2475, 0.3460)$

Conversions

Conversions Part 1

Format	Color
Hex	3F988F
RGB	63, 152, 143
RGB Percent	25%, 60%, 56%
CMY	0.7529, 0.4039, 0.4391
CMYK	0.59, 0.00, 0.06, 0.40
HSL	174°, 41%, 42%
HSV	174°, 59%, 60%
XYZ	18.2380, 25.4964, 29.9546
YIQ	124.3630, -50.1550, -21.6670

Conversions

Conversions Part 2

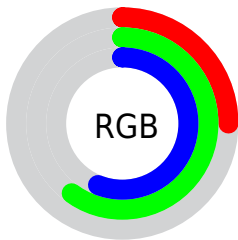
Format	Color
RYB	63, 110, 152
Decimal	4167823
CIELab	57.56, -28.66, -3.26
CIELCh	58, 28.844, 186.481
Yxy	25.4964, 0.2475, 0.3460
Android (android.graphics.Color)	4282357903 (0xFF3F988F)
YUV	124.3630, 9.1880, -53.8154
Hunter-Lab	50.4940, -23.8916, 0.1731

Details

The Yxy color **25.4964, 0.2475, 0.3460** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.7004, 0.4682, 0.3151**, and the grayscale version is **20.2672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.6499, 0.2612, 0.3426**, and **9.9047, 0.2303, 0.3492** is the 20% darker color. If you saturate the color by 10%, you get **25.0178, 0.2413, 0.3494**, and if you desaturate by 10%, it is **26.1158, 0.2554, 0.3427**.

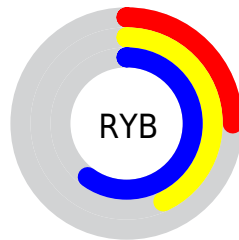
Distribution



Red (25%)

Green (60%)

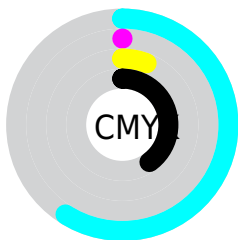
Blue (56%)



Red (25%)

Yellow (43%)

Blue (60%)

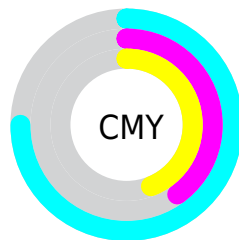


Cyan (59%)

Magenta (0%)

Yellow (6%)

Black (40%)



Cyan (75%)


Magenta (40%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.4964, 0.2475, 0.3460 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 25.4964, 0.2475, 0.3460 by changing the saturation by 10% instead.


 25.4964, 0.2475,
0.3460


 25.4964, 0.2475,
0.3460


280.3011, 0.2829,
0.3371


 16.4473, 0.2376,
0.3483


 52.4614, 0.2611,
0.3427

 9.8412, 0.2243,
0.3513


 71.1460, 0.2660,
0.3415

 5.2938, 0.2054,
0.3552

 93.8113, 0.2700,
0.3405

 2.4207, 0.1767,
0.3606

 120.8417, 0.2734,
0.3396

 0.8365, 0.0459,
0.4020

 152.6214, 0.2763,
0.3389

 0.0000, 0.0000,
0.0000

189.5350, 0.2788,

0.3382

231.9667, 0.2810,
0.3376

■ 25.4964, 0.2475,
0.3460

■ 25.4964, 0.2475,
0.3460

■ 25.0178, 0.2413,
0.3494

■ 26.1158, 0.2554,
0.3427

■ 24.6653, 0.2370,
0.3528

■ 26.8834, 0.2650,
0.3395

■ 24.4264, 0.2345,
0.3562

■ 27.8095, 0.2759,
0.3365

■ 24.2734, 0.2335,
0.3595

■ 28.9027, 0.2881,
0.3337

■ 24.2526, 0.2333,
0.3600

■ 30.1711, 0.3011,
0.3311

■ 31.6220, 0.3147,
0.3287

■ 33.2626, 0.3288,
0.3265

■ 35.0995, 0.3429,
0.3246

■ 37.1389, 0.3570,
0.3229

Harmonies

Analogous

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



25.4964, 0.2870, 0.3921



25.4964, 0.2475, 0.3460



25.4964, 0.2259, 0.2985

Triad

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



25.4964, 0.2475, 0.3460



25.4964, 0.2843, 0.2554



25.4964, 0.4072, 0.3850

Complementary

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



25.4964, 0.2475, 0.3460



10.7004, 0.4682, 0.3151

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.



25.4964, 0.4080, 0.3474



25.4964, 0.2475, 0.3460



25.4964, 0.3337, 0.2761

Square

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



25.4964, 0.2475, 0.3460



25.4964, 0.2458, 0.2509



25.4964, 0.3804, 0.3087



25.4964, 0.3798, 0.4121

Rectangle

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



25.4964, 0.2475, 0.3460



25.4964, 0.2233, 0.2742



25.4964, 0.3804, 0.3087



25.4964, 0.4108, 0.3731

Sweetspot

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



25.4974, 0.2475, 0.3460



51.0564, 0.2883, 0.3336



24.2474, 0.3121, 0.5078



11.4784, 0.2849, 0.3344



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.



25.4974, 0.2475, 0.3460



43.9622, 0.2399, 0.3503



16.2554, 0.2268, 0.2599



7.0158, 0.3002, 0.3312



20.3382, 0.2333, 0.3598



0.3067, 0.2291, 0.3447

Inverse Universe

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



10.7004, 0.4682, 0.3151



15.3790, 0.5240, 0.3147



15.6076, 0.4477, 0.3853



6.2323, 0.3268, 0.3268



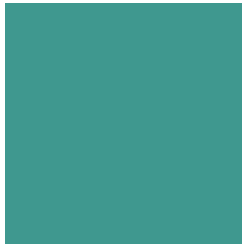
5.6293, 0.6251, 0.3217



0.0865, 0.5635, 0.2878

Previews

White Background



This preview shows how the Yxy color 25.4964, 0.2475, 0.3460 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 25.4964, 0.2475, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

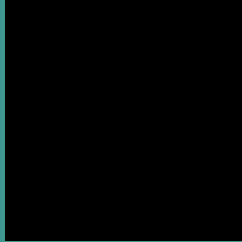
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.4964, 0.2475, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 25.4964, 0.2475, 0.3460.

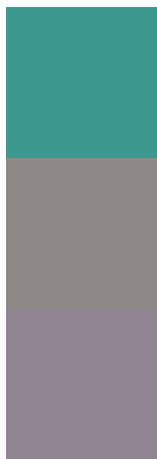


This preview shows how white text looks on a background with the Yxy color 25.4964, 0.2475, 0.3460.

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

25.4964, 0.2475, 0.3460

Protanopia

25.2753, 0.3203, 0.3340

Deuteranopia

24.9926, 0.3127, 0.3063



Tritanopia

25.3702, 0.2384, 0.3069

Trichromacy



Original Color

25.4964, 0.2475, 0.3460

Protanomaly

24.6629, 0.2877, 0.3379

Deuteranomaly

24.5445, 0.2824, 0.3184

Tritanomaly

25.3391, 0.2416, 0.3214

Monochromacy



Original Color

25.4964, 0.2475, 0.3460

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

21.5137, 0.2816, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4964, 0.2475, 0.3460 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(63, 152, 143)` looks like.

```
.text, #text, p{  
  color:rgb(63, 152, 143)  
}
```

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(63, 152, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 152, 143) }
```

Border

The CSS property to change the border of an element to Yxy 25.4964, 0.2475, 0.3460 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(63, 152, 143) }
```

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

```
.border{ border-color:rgb(63, 152, 143) }
```

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

Here you see how a box with a 4 pixel rgb(63, 152, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 152, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 152, 143);  
box-shadow:4px 4px 4px 4px rgb(63, 152,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4964, 0.2475, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 152, 143) }
```

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

```
.background{ background-color: rgb(63, 152,  
143) }
```

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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