

Converting Colors

$Yxy(26.0136, 0.2486, 0.3534)$

Have a look what the booklet for
Yxy(26.0136, 0.2486, 0.3534)
contains.

Yxy(26.0264, 0.2486, 0.3537)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.0264, 0.2486, 0.3537)

Conversions

Conversions Part 1

Format	Color
Hex	3D9A8D
RGB	61, 154, 141
RGB Percent	24%, 60%, 55%
CMY	0.7604, 0.3961, 0.4470
CMYK	0.60, 0.00, 0.08, 0.40
HSL	172°, 43%, 42%
HSV	172°, 60%, 60%
XYZ	18.2928, 26.0264, 29.2641
YIQ	124.7110, -51.2550, -23.7590

Conversions

Conversions Part 2

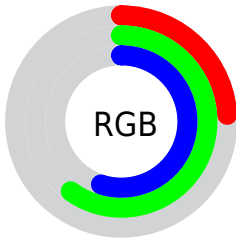
Format	Color
R_{YB}	61, 111, 154
Decimal	4037261
CIE _{Lab}	58.06, -30.55, -1.38
CIE _{LCh}	58, 30.584, 182.578
Yxy	26.0264, 0.2486, 0.3537
Android (android.graphics.Color)	4282227341 (0xFF3D9A8D)
YUV	124.7110, 8.0305, -55.8745
Hunter-Lab	51.0161, -25.2735, 1.7011

Details

The Yxy color **26.0264, 0.2486, 0.3537** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10.7124, 0.4686, 0.3091**, and the grayscale version is **20.4004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3926, 0.2617, 0.3482**, and **10.2581, 0.2336, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **25.5427, 0.2430, 0.3585**, and if you desaturate by 10%, it is **26.6538, 0.2559, 0.3490**.

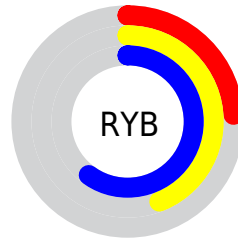
Distribution



Red (24%)

Green (60%)

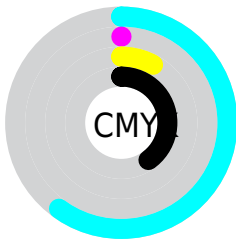
Blue (55%)



Red (24%)

Yellow (44%)

Blue (60%)

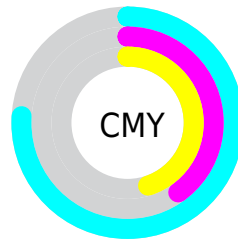


Cyan (60%)

Magenta (0%)

Yellow (8%)

Black (40%)



Cyan (76%)

Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0264, 0.2486, 0.3537 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 26.0264, 0.2486, 0.3537 by changing the saturation by 10% instead.


 26.0264, 0.2486,
0.3537


 26.0264, 0.2486,
0.3537


282.9117, 0.2834,
0.3404


 16.8434, 0.2389,
0.3573


 53.3175, 0.2620,
0.3487


 10.1229, 0.2258,
0.3622


 72.1944, 0.2668,
0.3468


 5.4805, 0.2072,
0.3689

 95.0715, 0.2707,
0.3453

 2.5319, 0.1788,
0.3789

 122.3329, 0.2741,
0.3440

 0.8925, 0.0496,
0.4319

 154.3633, 0.2769,
0.3429

 0.0000, 0.0000,
0.0000

191.5470, 0.2794,

0.3420

234.2683, 0.2815,
0.3412

■ 26.0264, 0.2486,
0.3537

■ 26.0264, 0.2486,
0.3537

■ 25.5427, 0.2430,
0.3585

■ 26.6538, 0.2559,
0.3490

■ 25.1871, 0.2394,
0.3633

■ 27.4327, 0.2649,
0.3445

■ 24.9464, 0.2375,
0.3681

■ 28.3741, 0.2753,
0.3402

■ 24.7879, 0.2369,
0.3728

■ 29.4869, 0.2868,
0.3362

■ 30.7794, 0.2992,
0.3325

■ 32.2595, 0.3123,
0.3291

■ 33.9345, 0.3257,
0.3260

■ 35.8113, 0.3393,
0.3233

■ 37.8966, 0.3528,
0.3208

Harmonies

Analogous

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



26.0264, 0.2918, 0.4008



26.0264, 0.2486, 0.3537



26.0264, 0.2234, 0.3026

Triad

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



26.0264, 0.2486, 0.3537



26.0264, 0.2766, 0.2503



26.0264, 0.4140, 0.3826

Complementary

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



26.0264, 0.2486, 0.3537



10.7124, 0.4686, 0.3091

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.



26.0264, 0.4110, 0.3425



26.0264, 0.2486, 0.3537



26.0264, 0.3278, 0.2699

Square

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



26.0264, 0.2486, 0.3537



26.0264, 0.2386, 0.2478



26.0264, 0.3784, 0.3026



26.0264, 0.3881, 0.4136

Rectangle

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



26.0264, 0.2486, 0.3537



26.0264, 0.2187, 0.2755



26.0264, 0.3784, 0.3026



26.0264, 0.4165, 0.3698

Sweetspot

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



26.0274, 0.2486, 0.3537



54.0061, 0.2892, 0.3355



24.9438, 0.3143, 0.5124



12.0874, 0.2859, 0.3365



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.



26.0274, 0.2486, 0.3537



46.1798, 0.2417, 0.3600



17.1194, 0.2259, 0.2639



7.0117, 0.3007, 0.3321



20.2014, 0.2368, 0.3724



0.3056, 0.2308, 0.3510

Inverse Universe

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



10.7124, 0.4686, 0.3091



15.8790, 0.5242, 0.3086



15.1434, 0.4571, 0.3817



6.2360, 0.3262, 0.3259



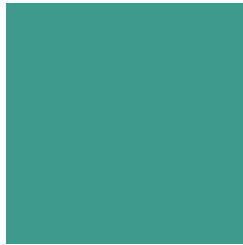
5.6463, 0.6175, 0.3176



0.0876, 0.5400, 0.2749

Previews

White Background



This preview shows how the Yxy color 26.0264, 0.2486, 0.3537 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 26.0264, 0.2486, 0.3537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

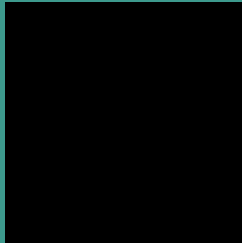
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0264, 0.2486, 0.3537

Background



This preview shows how black text looks on a background with the Yxy color 26.0264, 0.2486, 0.3537.

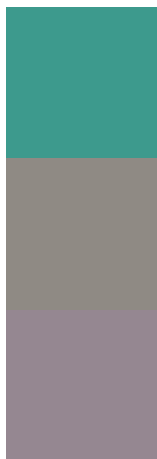


This preview shows how white text looks on a background with the Yxy color 26.0264, 0.2486, 0.3537.

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

26.0264, 0.2486, 0.3537

Protanopia

25.6825, 0.3245, 0.3390

Deuteranopia

25.7618, 0.3179, 0.3130



Tritanopia

26.0797, 0.2380, 0.3072

Trichromacy



Original Color

26.0264, 0.2486, 0.3537

Protanomaly

25.2065, 0.2897, 0.3451

Deuteranomaly

25.1415, 0.2853, 0.3254

Tritanomaly

26.0163, 0.2418, 0.3233

Monochromacy



Original Color

26.0264, 0.2486, 0.3537

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

22.0718, 0.2818, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0264, 0.2486, 0.3537 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(61, 154, 141)` looks like.

```
.text, #text, p{  
    color:rgb(61, 154, 141)  
}
```

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(61, 154, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 154, 141) }
```

Border

The CSS property to change the border of an element to Yxy 26.0264, 0.2486, 0.3537 is called "border". The border property can be set on classes, ids or directly on the HTML element.

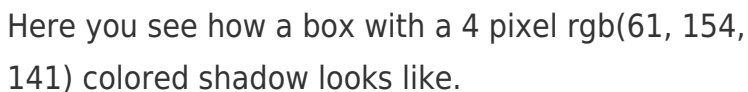
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 154, 141) }
```

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

```
.border{ border-color:rgb(61, 154, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(61, 154, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 154, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 154, 141);  
box-shadow:4px 4px 4px 4px rgb(61, 154,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0264, 0.2486, 0.3537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 154, 141) }
```

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

```
.background{ background-color: rgb(61, 154,  
141) }
```

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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