

Converting Colors

$Y_{xy}(14.0873, 0.2575, 0.3989)$

Have a look what the booklet for
Yxy(14.0873, 0.2575, 0.3989)
contains.

Yxy(14.0873, 0.2575, 0.3989)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.0873, 0.2575, 0.3989)

Conversions

Conversions Part 1

Format	Color
Hex	24765B
RGB	36, 118, 91
RGB Percent	14%, 46%, 36%
CMY	0.8588, 0.5372, 0.6432
CMYK	0.69, 0.00, 0.23, 0.54
HSL	160°, 53%, 30%
HSV	160°, 69%, 46%
XYZ	9.0937, 14.0873, 12.1344
YIQ	90.4040, -40.2050, -25.7810

Conversions

Conversions Part 2

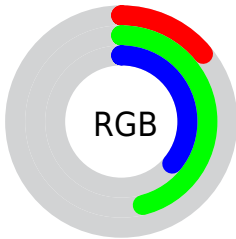
Format	Color
R_{YB}	36, 85, 118
Decimal	2389595
CIE _{Lab}	44.36, -31.48, 7.82
CIE _{LCh}	44, 32.435, 166.050
Yxy	14.0873, 0.2575, 0.3989
Android (android.graphics.Color)	4280579675 (0xFF24765B)
YUV	90.4040, 0.2938, -47.7123
Hunter-Lab	37.5331, -22.4349, 7.1048

Details

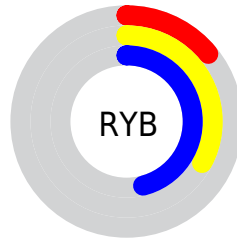
The Yxy color **14.0873, 0.2575, 0.3989** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5.4724, 0.4555, 0.2770**, and the grayscale version is **10.3258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3242, 0.2719, 0.3809**, and **4.4457, 0.2538, 0.4337** is the 20% darker color. If you saturate the color by 10%, you get **13.8441, 0.2548, 0.4110**, and if you desaturate by 10%, it is **14.4051, 0.2619, 0.3871**.

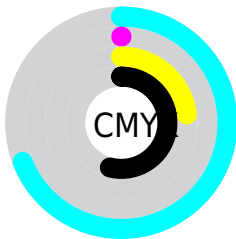
Distribution



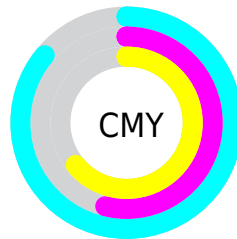
- Red (14%)
- Green (46%)
- Blue (36%)



- Red (14%)
- Yellow (33%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (23%)
- Black (54%)




- Cyan (86%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0873, 0.2575, 0.3989 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 14.0873, 0.2575, 0.3989 by changing the saturation by 10% instead.


 14.0873, 0.2575,
0.3989


 14.0873, 0.2575,
0.3989


217.7733, 0.2911,
0.3556


 8.1814, 0.2460,
0.4142


 33.2438, 0.2717,
0.3804


 4.2112, 0.2287,
0.4379

 47.2633, 0.2763,
0.3744

 1.7924, 0.1987,
0.4798

 64.7560, 0.2801,
0.3696

 0.4824, 0.0000,
1.0000

 86.1065, 0.2831,
0.3658

 0.0000, 0.0000,
0.0000

 111.6991, 0.2856,
0.3626

 141.9181, 0.2877,

0.3599

177.1480, 0.2896,
0.3576

■ 14.0873, 0.2575,
0.3989

■ 14.0873, 0.2575,
0.3989

■ 13.8441, 0.2548,
0.4110

■ 14.4051, 0.2619,
0.3871

■ 13.6666, 0.2540,
0.4231

■ 14.8022, 0.2679,
0.3756

■ 13.5308, 0.2544,
0.4352

■ 15.2847, 0.2753,
0.3648

■ 13.5241, 0.2544,
0.4358

■ 15.8576, 0.2838,
0.3546

■ 16.5256, 0.2931,
0.3451

■ 17.2931, 0.3030,
0.3365

■ 18.1641, 0.3132,
0.3286

■ 19.1425, 0.3236,
0.3216

■ 20.2319, 0.3340,
0.3153

Harmonies

Analogous

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



14.0873, 0.3199, 0.4463



14.0873, 0.2575, 0.3989



14.0873, 0.2130, 0.3286

Triad

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



14.0873, 0.2575, 0.3989



14.0873, 0.2369, 0.2251



14.0873, 0.4470, 0.3667

Complementary

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



14.0873, 0.2575, 0.3989



5.4724, 0.4555, 0.2770

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.



14.0873, 0.4216, 0.3159



14.0873, 0.2575, 0.3989



14.0873, 0.2936, 0.2387

Square

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



14.0873, 0.2575, 0.3989



14.0873, 0.2030, 0.2340



14.0873, 0.3626, 0.2709



14.0873, 0.4313, 0.4152

Rectangle

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



14.0873, 0.2575, 0.3989



14.0873, 0.1977, 0.2861



14.0873, 0.3626, 0.2709



14.0873, 0.4432, 0.3496

Sweetspot

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



14.0879, 0.2575, 0.3989



28.8035, 0.2912, 0.3470



14.1528, 0.3290, 0.5251



6.5637, 0.2892, 0.3489



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.0879, 0.2575, 0.3989



24.1536, 0.2541, 0.4177



11.6515, 0.2271, 0.2946



4.1357, 0.3035, 0.3361



14.6279, 0.2545, 0.4362



71.1204, 0.2563, 0.4426

Inverse Universe

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



5.4724, 0.4555, 0.2770



7.9270, 0.5072, 0.2764



6.2318, 0.5081, 0.3551



3.7189, 0.3229, 0.3220



4.3222, 0.5567, 0.2840



20.9197, 0.5702, 0.2915

Previews

White Background



This preview shows how the Yxy color 14.0873, 0.2575, 0.3989 looks on a white 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

Black Background



This preview shows how the Yxy color 14.0873, 0.2575, 0.3989 looks on a black 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

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

Yxy 14.0873, 0.2575, 0.3989

Background



This preview shows how black text looks on a background with the Yxy color 14.0873, 0.2575, 0.3989.



This preview shows how white text looks on a background with the Yxy color 14.0873, 0.2575, 0.3989.

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

14.0873, 0.2575, 0.3989

Protanopia

13.9202, 0.3503, 0.3721

Deuteranopia

13.9851, 0.3465, 0.3415



Tritanopia

14.1428, 0.2374, 0.3078

Trichromacy



Original Color

14.0873, 0.2575, 0.3989

Protanomaly

13.5102, 0.3063, 0.3816

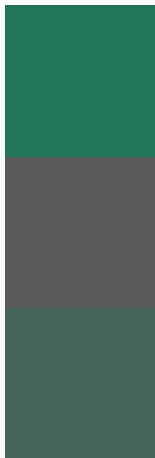
Deuteranomaly

13.3982, 0.3032, 0.3594

Tritanomaly

13.9671, 0.2444, 0.3386

Monochromacy



Original Color

14.0873, 0.2575, 0.3989

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

11.1546, 0.2840, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0873, 0.2575, 0.3989 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(36, 118, 91)` looks like.

```
.text, #text, p{  
    color:rgb(36, 118, 91)  
}
```

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(36, 118, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 118, 91) }
```

Border

The CSS property to change the border of an element to Yxy 14.0873, 0.2575, 0.3989 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(36, 118, 91) }
```

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

```
.border{ border-color:rgb(36, 118, 91) }
```

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

Here you see how a box with a 4 pixel rgb(36, 118, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 118, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 118, 91);  
box-shadow:4px 4px 4px 4px rgb(36, 118,  
91) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 14.0873, 0.2575, 0.3989$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 118, 91) }
```

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

```
.background{ background-color: rgb(36, 118,  
91) }
```

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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