

Converting Colors

$Yxy(14.0435, 0.2760, 0.3379)$

Have a look what the booklet for
Yxy(14.0435, 0.2760, 0.3379)
contains.

Yxy(14.0501, 0.2763, 0.3382)	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(14.0501, 0.2763, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	4E6F6B
RGB	78, 111, 107
RGB Percent	31%, 44%, 42%
CMY	0.6942, 0.5647, 0.5804
CMYK	0.30, 0.00, 0.04, 0.56
HSL	173°, 17%, 37%
HSV	173°, 30%, 44%
XYZ	11.4785, 14.0501, 16.0151
YIQ	100.6770, -18.3840, -8.2400

Conversions

Conversions Part 2

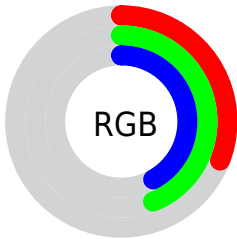
Format	Color
R_{YB}	78, 96, 111
Decimal	5140331
CIE Lab	44.30, -12.79, -1.60
CIE LCh	44, 12.888, 187.129
Yxy	14.0501, 0.2763, 0.3382
Android (android.graphics.Color)	4283330411 (0xFF4E6F6B)
YUV	100.6770, 3.1172, -19.8877
Hunter-Lab	37.4835, -10.9341, 0.9063

Details

The Yxy color **14.0501, 0.2763, 0.3382** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **9.4349, 0.3665, 0.3202**, and the grayscale version is **12.9208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2522, 0.2854, 0.3369**, and **4.1726, 0.2579, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **13.5927, 0.2659, 0.3418**, and if you desaturate by 10%, it is **14.5883, 0.2878, 0.3349**.

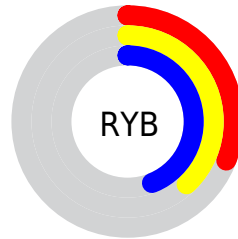
Distribution



Red (31%)

Green (44%)

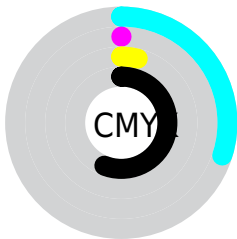
Blue (42%)



Red (31%)

Yellow (38%)

Blue (44%)

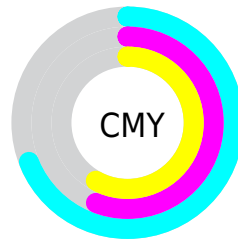


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (56%)



Cyan (69%)

Magenta (56%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.0501, 0.2763, 0.3382 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 14.0501, 0.2763, 0.3382 by changing the saturation by 10% instead.

■ 14.0501, 0.2763,
0.3382

■ 14.0501, 0.2763,
0.3382

■ 217.5423, 0.2980,
0.3328

■ 8.1555, 0.2692,
0.3399

■ 33.1779, 0.2853,
0.3360

■ 4.1946, 0.2587,
0.3423

■ 47.1799, 0.2883,
0.3353

■ 1.7830, 0.2415,
0.3461

■ 64.6532, 0.2907,
0.3347

■ 0.4766, 0.1128,
0.3818

■ 85.9821, 0.2927,
0.3342

■ 0.0000, 0.0000,
0.0000

■ 111.5511, 0.2943,
0.3338

141.7445, 0.2957,

0.3334

176.9468, 0.2969,
0.3331

■ 14.0501, 0.2763,
0.3382

■ 14.0501, 0.2763,
0.3382

■ 13.5927, 0.2659,
0.3418

■ 14.5883, 0.2878,
0.3349

■ 13.2103, 0.2568,
0.3455

■ 15.2091, 0.3001,
0.3318

■ 12.8993, 0.2491,
0.3494

■ 15.9168, 0.3130,
0.3289

■ 12.6547, 0.2432,
0.3533

■ 16.7145, 0.3263,
0.3264

■ 12.4714, 0.2390,
0.3574

■ 17.6053, 0.3397,
0.3241

■ 12.3431, 0.2364,
0.3614

■ 18.5922, 0.3531,
0.3220

■ 12.2456, 0.2349,
0.3654

■ 19.6780, 0.3663,
0.3202

■ 12.2432, 0.2349,
0.3655

■ 20.8654, 0.3792,
0.3186

■ 22.1570, 0.3917,
0.3172

Harmonies

Analogous

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



14.0501, 0.2988, 0.3617



14.0501, 0.2763, 0.3382



14.0501, 0.2637, 0.3131

Triad

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



14.0501, 0.2763, 0.3382



14.0501, 0.2981, 0.2871



14.0501, 0.3642, 0.3619

Complementary

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



14.0501, 0.2763, 0.3382



9.4349, 0.3665, 0.3202

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.



14.0501, 0.3644, 0.3413



14.0501, 0.2763, 0.3382



14.0501, 0.3253, 0.2993

Square

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



14.0501, 0.2763, 0.3382



14.0501, 0.2758, 0.2849



14.0501, 0.3499, 0.3188



14.0501, 0.3498, 0.3749

Rectangle

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



14.0501, 0.2763, 0.3382



14.0501, 0.2621, 0.2993



14.0501, 0.3499, 0.3188



14.0501, 0.3660, 0.3556

Sweetspot

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



14.0507, 0.2763, 0.3382



27.2914, 0.3008, 0.3316



13.7312, 0.3147, 0.4087



6.5233, 0.2993, 0.3320



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.0507, 0.2763, 0.3382



24.5502, 0.2686, 0.3408



11.6708, 0.2691, 0.3002



3.8085, 0.3011, 0.3316



14.4228, 0.2350, 0.3658



71.7611, 0.2356, 0.3681

Inverse Universe

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



9.4349, 0.3665, 0.3202



14.7927, 0.3853, 0.3179



11.2572, 0.3667, 0.3560



3.4075, 0.3257, 0.3265



4.0156, 0.6186, 0.3181



19.9318, 0.6276, 0.3231

Previews

White Background



This preview shows how the Yxy color 14.0501, 0.2763, 0.3382 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 14.0501, 0.2763, 0.3382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

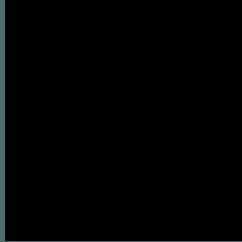
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

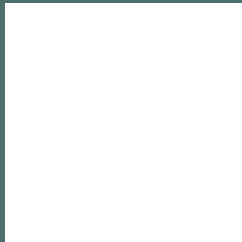
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.0501, 0.2763, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 14.0501, 0.2763, 0.3382.



This preview shows how white text looks on a background with the Yxy color 14.0501, 0.2763, 0.3382.

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

14.0501, 0.2763, 0.3382

Protanopia

14.0057, 0.3183, 0.3312

Deuteranopia

13.8562, 0.3178, 0.3124



Tritanopia

13.9508, 0.2666, 0.3087

Trichromacy



Original Color

14.0501, 0.2763, 0.3382

Protanomaly

14.0017, 0.3016, 0.3356

Deuteranomaly

13.8952, 0.3020, 0.3224

Tritanomaly

14.0290, 0.2698, 0.3198

Monochromacy



Original Color

14.0501, 0.2763, 0.3382

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

13.4096, 0.2988, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0501, 0.2763, 0.3382 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(78, 111, 107)` looks like.

```
.text, #text, p{  
    color:rgb(78, 111, 107)  
}
```

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(78, 111, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 111, 107) }
```

Border

The CSS property to change the border of an element to Yxy 14.0501, 0.2763, 0.3382 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(78, 111, 107) }
```

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

```
.border{ border-color:rgb(78, 111, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 111, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 111, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 111, 107);  
box-shadow:4px 4px 4px 4px rgb(78, 111,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0501, 0.2763, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 111, 107) }
```

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

```
.background{ background-color: rgb(78, 111,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor