

Converting Colors

$Y_{xy}(14.3165, 0.2822, 0.3393)$

Have a look what the booklet for
Yxy(14.3165, 0.2822, 0.3393)
contains.

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Color

$Y_{xy}(14.2694, 0.2820, 0.3380)$

Conversions

Conversions Part 1

Format	Color
Hex	536F6B
RGB	83, 111, 107
RGB Percent	33%, 44%, 42%
CMY	0.6746, 0.5647, 0.5803
CMYK	0.25, 0.00, 0.04, 0.56
HSL	171°, 14%, 38%
HSV	171°, 25%, 44%
XYZ	11.9052, 14.2694, 16.0425
YIQ	102.1720, -15.4040, -7.1800

Conversions

Conversions Part 2

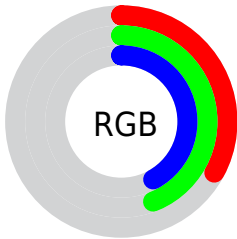
Format	Color
R_{YB}	83, 98, 111
Decimal	5468011
CIE Lab	44.62, -11.11, -1.12
CIE LCh	45, 11.165, 185.765
Yxy	14.2694, 0.2820, 0.3380
Android (android.graphics.Color)	4283658091 (0xFF536F6B)
YUV	102.1720, 2.3802, -16.8138
Hunter-Lab	37.7749, -9.8494, 1.2627

Details

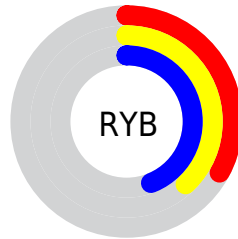
The Yxy color **14.2694, 0.2820, 0.3380** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **10.2512, 0.3551, 0.3203**, and the grayscale version is **13.3308, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6496, 0.2897, 0.3368**, and **4.2746, 0.2673, 0.3405** is the 20% darker color. If you saturate the color by 10%, you get **13.7721, 0.2713, 0.3421**, and if you desaturate by 10%, it is **14.8494, 0.2937, 0.3342**.

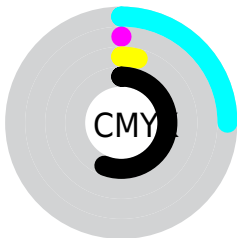
Distribution



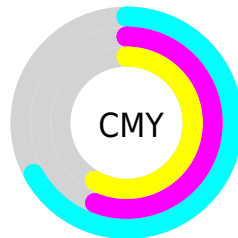
- Red (33%)
- Green (44%)
- Blue (42%)



- Red (33%)
- Yellow (38%)
- Blue (44%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (56%)




- Cyan (67%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2694, 0.2820, 0.3380 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 14.2694, 0.2820, 0.3380 by changing the saturation by 10% instead.


 14.2694, 0.2820,
0.3380


 14.2694, 0.2820,
0.3380


218.9004, 0.3003,
0.3327


 8.3083, 0.2760,
0.3397


 33.5663, 0.2896,
0.3358


 4.2928, 0.2671,
0.3421

 47.6708, 0.2921,
0.3351


 1.8387, 0.2526,
0.3460

 65.2586, 0.2941,
0.3345

 0.5111, 0.1577,
0.3756

 86.7141, 0.2958,
0.3340

 0.0000, 0.0000,
0.0000

 112.4216, 0.2972,
0.3336

142.7656, 0.2984,

0.3333

178.1304, 0.2994,
0.3330

■ 14.2694, 0.2820,
0.3380

■ 14.2694, 0.2820,
0.3380

■ 13.7721, 0.2713,
0.3421

■ 14.8494, 0.2937,
0.3342

■ 13.3517, 0.2617,
0.3464

■ 15.5138, 0.3060,
0.3307

■ 13.0049, 0.2536,
0.3509

■ 16.2667, 0.3189,
0.3275

■ 12.7269, 0.2470,
0.3555

■ 17.1111, 0.3319,
0.3246

■ 12.5128, 0.2421,
0.3603

■ 18.0502, 0.3450,
0.3221

■ 12.3568, 0.2390,
0.3650

■ 19.0868, 0.3580,
0.3198

■ 12.2480, 0.2374,
0.3698

■ 20.2238, 0.3708,
0.3178

■ 12.2002, 0.2367,
0.3721

■ 21.4636, 0.3831,
0.3161

■ 22.8090, 0.3951,
0.3146

Harmonies

Analogous

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



14.2694, 0.3018, 0.3577



14.2694, 0.2820, 0.3380



14.2694, 0.2705, 0.3164

Triad

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



14.2694, 0.2820, 0.3380



14.2694, 0.2992, 0.2923



14.2694, 0.3574, 0.3569

Complementary

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



14.2694, 0.2820, 0.3380



10.2512, 0.3551, 0.3203

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.



14.2694, 0.3569, 0.3390



14.2694, 0.2820, 0.3380



14.2694, 0.3226, 0.3026

Square

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



14.2694, 0.2820, 0.3380



14.2694, 0.2801, 0.2910



14.2694, 0.3439, 0.3194



14.2694, 0.3455, 0.3683

Rectangle

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



14.2694, 0.2820, 0.3380



14.2694, 0.2688, 0.3042



14.2694, 0.3439, 0.3194



14.2694, 0.3587, 0.3514

Sweetspot

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



14.2700, 0.2820, 0.3380



27.4078, 0.3023, 0.3317



14.0292, 0.3151, 0.3950



6.5482, 0.3007, 0.3322



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.



14.2700, 0.2820, 0.3380



25.0364, 0.2759, 0.3402



12.3316, 0.2758, 0.3062



3.8074, 0.3013, 0.3320



14.3725, 0.2368, 0.3725



71.4993, 0.2375, 0.3751

Inverse Universe

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



10.2512, 0.3551, 0.3203



16.5858, 0.3678, 0.3182



11.7960, 0.3572, 0.3507



3.4085, 0.3254, 0.3260



4.0229, 0.6141, 0.3156



19.9601, 0.6240, 0.3211

Previews

White Background



This preview shows how the Yxy color 14.2694, 0.2820, 0.3380 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 14.2694, 0.2820, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

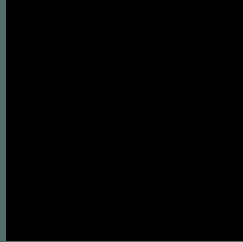
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2694, 0.2820, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 14.2694, 0.2820, 0.3380.



This preview shows how white text looks on a background with the Yxy color 14.2694, 0.2820, 0.3380.

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

14.2694, 0.2820, 0.3380

Protanopia

14.2082, 0.3182, 0.3333

Deuteranopia

14.1843, 0.3206, 0.3146



Tritanopia

14.1766, 0.2721, 0.3090

Trichromacy



Original Color

14.2694, 0.2820, 0.3380

Protanomaly

14.1115, 0.3042, 0.3356

Deuteranomaly

14.0694, 0.3061, 0.3225

Tritanomaly

14.2516, 0.2754, 0.3199

Monochromacy



Original Color

14.2694, 0.2820, 0.3380

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.5355, 0.3002, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2694, 0.2820, 0.3380 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(83, 111, 107)` looks like.

```
.text, #text, p{  
    color:rgb(83, 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(83, 111, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 111, 107) }
```

Border

The CSS property to change the border of an element to Yxy 14.2694, 0.2820, 0.3380 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(83, 111, 107) }
```

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

```
.border{ border-color:rgb(83, 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(83, 111, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 111, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 111, 107);  
box-shadow:4px 4px 4px 4px rgb(83, 111,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2694, 0.2820, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 111, 107) }
```

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

```
.background{ background-color: rgb(83, 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](#).

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