

Converting Colors

$Yxy(33.6087, 0.2819, 0.3412)$

Have a look what the booklet for
Yxy(33.6087, 0.2819, 0.3412)
contains.

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Color

Yxy(33.5555, 0.2822, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	7BA59D
RGB	123, 165, 157
RGB Percent	48%, 65%, 62%
CMY	0.5178, 0.3529, 0.3843
CMYK	0.25, 0.00, 0.05, 0.35
HSL	169°, 19%, 56%
HSV	169°, 25%, 65%
XYZ	27.7044, 33.5555, 36.9130
YIQ	151.5300, -22.4640, -11.3920

Conversions

Conversions Part 2

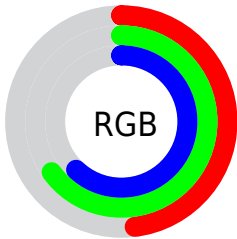
Format	Color
RYB	123, 146, 165
Decimal	8103325
CIELab	64.61, -15.93, -0.48
CIElCh	65, 15.939, 181.712
Yxy	33.5555, 0.2822, 0.3418
Android (android.graphics.Color)	4286293405 (0xFF7BA59D)
YUV	151.5300, 2.6967, -25.0208
Hunter-Lab	57.9271, -16.0025, 2.7675

Details

The Yxy color **33.5555, 0.2822, 0.3418** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.7943, 0.3553, 0.3167**, and the grayscale version is **31.1790, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1197, 0.2883, 0.3398**, and **14.2673, 0.2724, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **32.3352, 0.2717, 0.3476**, and if you desaturate by 10%, it is **34.9864, 0.2937, 0.3364**.

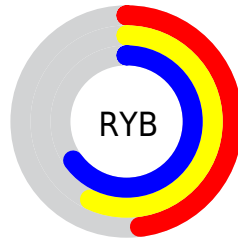
Distribution



Red (48%)

Green (65%)

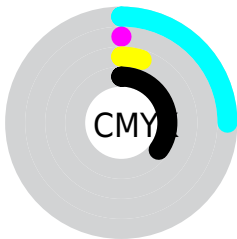
Blue (62%)



Red (48%)

Yellow (57%)

Blue (65%)

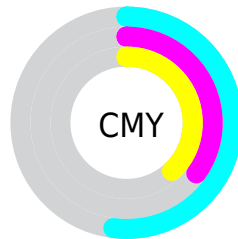


Cyan (25%)

Magenta (0%)

Yellow (5%)

Black (35%)



Cyan (52%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.5555, 0.2822, 0.3418 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 33.5555, 0.2822, 0.3418 by changing the saturation by 10% instead.


 33.5555, 0.2822,
0.3418


 33.5555, 0.2822,
0.3418


318.1455, 0.2983,
0.3351


 22.5523, 0.2779,
0.3436


 65.2418, 0.2882,
0.3393

 14.2633, 0.2722,
0.3459


 86.6938, 0.2904,
0.3384

 8.3040, 0.2644,
0.3492


 112.3975, 0.2923,
0.3376

 4.2901, 0.2527,
0.3540

142.7373, 0.2938,
0.3370

 1.8371, 0.2337,
0.3617

178.0976, 0.2952,
0.3364

 0.5102, 0.0803,
0.4269

218.8628, 0.2963,

 0.0000, 0.0000,

0.3359

0.0000

265.4173, 0.2974,
0.3355

■ 33.5555, 0.2822,
0.3418

■ 33.5555, 0.2822,
0.3418

■ 32.3352, 0.2717,
0.3476

■ 34.9864, 0.2937,
0.3364

■ 31.3111, 0.2625,
0.3537

■ 36.6334, 0.3058,
0.3315

■ 30.4733, 0.2547,
0.3602

■ 38.5069, 0.3184,
0.3270

■ 29.8096, 0.2487,
0.3668

■ 40.6152, 0.3313,
0.3230

■ 29.3062, 0.2445,
0.3736

■ 42.9665, 0.3441,
0.3195

■ 28.9470, 0.2422,
0.3805

■ 45.5684, 0.3568,
0.3163

■ 28.7116, 0.2417,
0.3872

■ 48.4281, 0.3692,
0.3136

■ 28.6238, 0.2418,
0.3903

■ 51.5527, 0.3812,
0.3112

■ 51.6904, 0.3782,
0.3079

Harmonies

Analogous

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



33.5555, 0.3042, 0.3622



33.5555, 0.2822, 0.3418



33.5555, 0.2685, 0.3183

Triad

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



33.5555, 0.2822, 0.3418



33.5555, 0.2950, 0.2890



33.5555, 0.3614, 0.3565

Complementary

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



33.5555, 0.2822, 0.3418



23.7943, 0.3553, 0.3167

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.



33.5555, 0.3590, 0.3367



33.5555, 0.2822, 0.3418



33.5555, 0.3198, 0.2988

Square

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



33.5555, 0.2822, 0.3418



33.5555, 0.2757, 0.2888



33.5555, 0.3435, 0.3160



33.5555, 0.3503, 0.3701

Rectangle

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



33.5555, 0.2822, 0.3418



33.5555, 0.2656, 0.3047



33.5555, 0.3435, 0.3160



33.5555, 0.3622, 0.3503

Sweetspot

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



33.5569, 0.2822, 0.3418



64.7732, 0.3025, 0.3328



33.1986, 0.3172, 0.3981



14.0654, 0.3008, 0.3335



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.5569, 0.2822, 0.3418



58.7142, 0.2757, 0.3453



29.5103, 0.2743, 0.3084



7.9880, 0.3012, 0.3333



21.6575, 0.2416, 0.3896



0.4607, 0.2348, 0.3651

Inverse Universe

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



23.7943, 0.3553, 0.3167



37.9967, 0.3692, 0.3136



26.9184, 0.3605, 0.3486



7.1070, 0.3256, 0.3247



6.1340, 0.6059, 0.3112



0.1346, 0.5206, 0.2641

Previews

White Background



This preview shows how the Yxy color 33.5555, 0.2822, 0.3418 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 33.5555, 0.2822, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

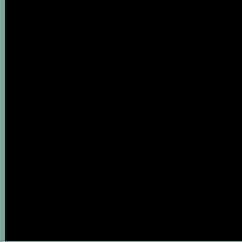
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.5555, 0.2822, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 33.5555, 0.2822, 0.3418.

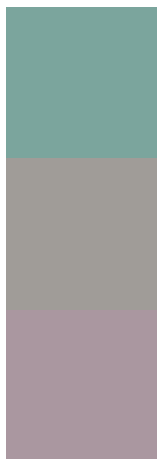


This preview shows how white text looks on a background with the Yxy color 33.5555, 0.2822, 0.3418.

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

33.5555, 0.2822, 0.3418

Protanopia

33.5175, 0.3204, 0.3350

Deuteranopia

33.2173, 0.3234, 0.3161



Tritanopia

33.4478, 0.2715, 0.3088

Trichromacy



Original Color

33.5555, 0.2822, 0.3418

Protanomaly

33.3324, 0.3057, 0.3367

Deuteranomaly

33.0524, 0.3071, 0.3245

Tritanomaly

33.4572, 0.2761, 0.3210

Monochromacy



Original Color

33.5555, 0.2822, 0.3418

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.1098, 0.3000, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.5555, 0.2822, 0.3418 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(123, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(123, 165, 157)  
}
```

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(123, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 165, 157) }
```

Border

The CSS property to change the border of an element to Yxy 33.5555, 0.2822, 0.3418 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(123, 165, 157) }
```

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

```
.border{ border-color:rgb(123, 165, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(123, 165,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 33.5555, 0.2822, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 165, 157) }
```

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

```
.background{ background-color: rgb(123,  
165, 157) }
```

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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