

Converting Colors

$Yxy(33.4928, 0.2759, 0.3592)$

Have a look what the booklet for
Yxy(33.4928, 0.2759, 0.3592)
contains.

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Color

Yxy(33.3954, 0.2762, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	6CA896
RGB	108, 168, 150
RGB Percent	42%, 66%, 59%
CMY	0.5763, 0.3412, 0.4119
CMYK	0.36, 0.00, 0.11, 0.34
HSL	162°, 26%, 54%
HSV	162°, 36%, 66%
XYZ	25.6931, 33.3954, 33.9349
YIQ	148.0080, -29.9820, -18.3180

Conversions

Conversions Part 2

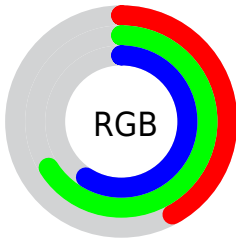
Format	Color
RYB	108, 143, 168
Decimal	7121046
CIELab	64.48, -23.60, 3.16
CIElCh	64, 23.813, 172.378
Yxy	33.3954, 0.2762, 0.3590
Android (android.graphics.Color)	4285311126 (0xFF6CA896)
YUV	148.0080, 0.9821, -35.0870
Hunter-Lab	57.7888, -21.7687, 5.6356

Details

The Yxy color **33.3954, 0.2762, 0.3590** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.5647, 0.3705, 0.3013**, and the grayscale version is **29.6258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8164, 0.2838, 0.3525**, and **14.2615, 0.2648, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **32.2834, 0.2680, 0.3690**, and if you desaturate by 10%, it is **34.7201, 0.2855, 0.3496**.

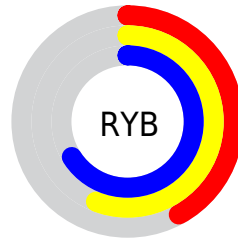
Distribution



Red (42%)

Green (66%)

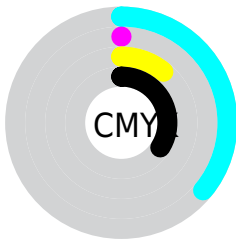
Blue (59%)



Red (42%)

Yellow (56%)

Blue (66%)

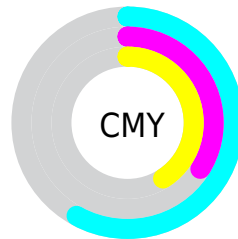


Cyan (36%)

Magenta (0%)

Yellow (11%)

Black (34%)



Cyan (58%)


Magenta (34%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3954, 0.2762, 0.3590 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 33.3954, 0.2762, 0.3590 by changing the saturation by 10% instead.


 33.3954, 0.2762,
0.3590


 33.3954, 0.2762,
0.3590


317.4277, 0.2955,
0.3429


 22.4295, 0.2710,
0.3634


 64.9924, 0.2835,
0.3529


 14.1728, 0.2640,
0.3693


 86.3922, 0.2862,
0.3507

 8.2410, 0.2543,
0.3776


 112.0389, 0.2884,
0.3488

 4.2495, 0.2399,
0.3903

 142.3167, 0.2903,
0.3473

 1.8141, 0.2160,
0.4117

177.6101, 0.2919,
0.3460

 0.4959, 0.0000,
0.6084

218.3035, 0.2933,

 0.0000, 0.0000,

0.3448

0.0000

264.7812, 0.2945,
0.3438

■ 33.3954, 0.2762,
0.3590

■ 33.3954, 0.2762,
0.3590

■ 32.2834, 0.2680,
0.3690

■ 34.7201, 0.2855,
0.3496

■ 31.3682, 0.2612,
0.3796

■ 36.2644, 0.2957,
0.3410

■ 30.6383, 0.2561,
0.3906


■ 38.0396, 0.3064,
0.3331


■ 30.0790, 0.2528,
0.4018


■ 40.0551, 0.3175,
0.3260

■ 29.6736, 0.2515,
0.4131

■ 42.3200, 0.3287,
0.3197

 29.4003, 0.2521,
0.4243

 44.8427, 0.3398,
0.3141

 29.3016, 0.2525,
0.4292

 47.6312, 0.3507,
0.3091

 50.6933, 0.3613,
0.3047

 53.2246, 0.3678,
0.3006

Harmonies

Analogous

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



33.3954, 0.3109, 0.3869



33.3954, 0.2762, 0.3590



33.3954, 0.2521, 0.3229

Triad

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



33.3954, 0.2762, 0.3590



33.3954, 0.2760, 0.2688



33.3954, 0.3871, 0.3600

Complementary

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



33.3954, 0.2762, 0.3590



20.5647, 0.3705, 0.3013

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.



33.3954, 0.3770, 0.3298



33.3954, 0.2762, 0.3590



33.3954, 0.3110, 0.2792

Square

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



33.3954, 0.2762, 0.3590



33.3954, 0.2520, 0.2725



33.3954, 0.3485, 0.3009



33.3954, 0.3758, 0.3848

Rectangle

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



33.3954, 0.2762, 0.3590



33.3954, 0.2445, 0.3007



33.3954, 0.3485, 0.3009



33.3954, 0.3861, 0.3502

Sweetspot

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



33.3968, 0.2762, 0.3590



67.2014, 0.3005, 0.3374



33.6025, 0.3248, 0.4286



14.5581, 0.2991, 0.3384



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.3968, 0.2762, 0.3590



58.9394, 0.2695, 0.3671



30.1334, 0.2610, 0.3107



8.4931, 0.3025, 0.3359



22.1367, 0.2522, 0.4280



0.5470, 0.2420, 0.3912

Inverse Universe

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



20.5647, 0.3705, 0.3013



32.0855, 0.3900, 0.2951



22.6082, 0.3899, 0.3463



7.5780, 0.3240, 0.3222



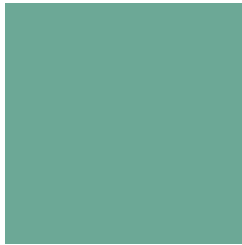
6.4719, 0.5717, 0.2923



0.1664, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 33.3954, 0.2762, 0.3590 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 33.3954, 0.2762, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

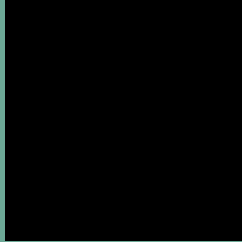
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3954, 0.2762, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 33.3954, 0.2762, 0.3590.



This preview shows how white text looks on a background with the Yxy color 33.3954, 0.2762, 0.3590.

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

33.3954, 0.2762, 0.3590

Protanopia

33.0029, 0.3300, 0.3471

Deuteranopia

33.1242, 0.3303, 0.3247



Tritanopia

33.3027, 0.2607, 0.3084

Trichromacy



Original Color

33.3954, 0.2762, 0.3590

Protanomaly

32.9677, 0.3079, 0.3510

Deuteranomaly

32.7097, 0.3076, 0.3351

Tritanomaly

33.1450, 0.2664, 0.3256

Monochromacy



Original Color

33.3954, 0.2762, 0.3590

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.5992, 0.2969, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3954, 0.2762, 0.3590 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(108, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(108, 168, 150)  
}
```

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(108, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 168, 150) }
```

Border

The CSS property to change the border of an element to Yxy 33.3954, 0.2762, 0.3590 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(108, 168, 150) }
```

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

```
.border{ border-color:rgb(108, 168, 150) }
```

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

Here you see how a box with a 4 pixel rgb(108, 168, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(108, 168,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3954, 0.2762, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 168, 150) }
```

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

```
.background{ background-color: rgb(108,  
168, 150) }
```

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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