

Converting Colors

$Yxy(34.6031, 0.2742, 0.3523)$

Have a look what the booklet for
Yxy(34.6031, 0.2742, 0.3523)
contains.

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Color

Yxy(34.5293, 0.2744, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	6FAA9C
RGB	111, 170, 156
RGB Percent	44%, 67%, 61%
CMY	0.5646, 0.3333, 0.3883
CMYK	0.35, 0.00, 0.08, 0.33
HSL	166°, 26%, 55%
HSV	166°, 35%, 67%
XYZ	26.9325, 34.5293, 36.6886
YIQ	150.7630, -30.6700, -16.8620

Conversions

Conversions Part 2

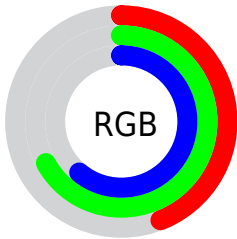
Format	Color
RYB	111, 144, 170
Decimal	7318172
CIELab	65.38, -22.37, 1.14
CIElCh	65, 22.398, 177.086
Yxy	34.5293, 0.2744, 0.3518
Android (android.graphics.Color)	4285508252 (0xFF6FAA9C)
YUV	150.7630, 2.5818, -34.8722
Hunter-Lab	58.7616, -21.0202, 4.1146

Details

The Yxy color **34.5293, 0.2744, 0.3518** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.4040, 0.3734, 0.3077**, and the grayscale version is **30.8424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5029, 0.2823, 0.3472**, and **14.9066, 0.2616, 0.3600** is the 20% darker color. If you saturate the color by 10%, you get **33.3958, 0.2655, 0.3596**, and if you desaturate by 10%, it is **35.8800, 0.2845, 0.3445**.

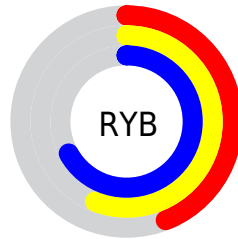
Distribution



Red (44%)

Green (67%)

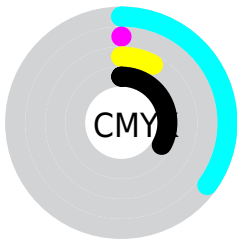
Blue (61%)



Red (44%)

Yellow (56%)

Blue (67%)

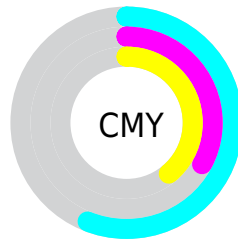


Cyan (35%)

Magenta (0%)

Yellow (8%)

Black (33%)



Cyan (56%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5293, 0.2744, 0.3518 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 34.5293, 0.2744, 0.3518 by changing the saturation by 10% instead.


 34.5293, 0.2744,
0.3518


 34.5293, 0.2744,
0.3518


322.4858, 0.2945,
0.3398


 23.3005, 0.2691,
0.3550


 66.7559, 0.2819,
0.3473

 14.8156, 0.2620,
0.3593


 88.5226, 0.2847,
0.3456

 8.6900, 0.2522,
0.3652

 114.5706, 0.2870,
0.3443

 4.5396, 0.2378,
0.3741

 145.2845, 0.2890,
0.3431

 1.9797, 0.2147,
0.3885

181.0485, 0.2906,
0.3421

 0.5957, 0.0170,
0.5028

222.2472, 0.2921,

 0.0000, 0.0000,

0.3412

0.0000

269.2648, 0.2934,
0.3405

■ 34.5293, 0.2744,
0.3518

■ 34.5293, 0.2744,
0.3518

■ 33.3958, 0.2655,
0.3596

■ 35.8800, 0.2845,
0.3445

■ 32.4634, 0.2580,
0.3677

■ 37.4548, 0.2955,
0.3378

■ 31.7203, 0.2522,
0.3762


■ 39.2653, 0.3071,
0.3317


■ 31.1517, 0.2482,
0.3849


■ 41.3212, 0.3191,
0.3261


■ 30.7406, 0.2462,
0.3936

■ 43.6316, 0.3313,
0.3212


 30.4663, 0.2461,
0.4023

 46.2051, 0.3434,
0.3167

 30.3500, 0.2464,
0.4069

 49.0499, 0.3553,
0.3129

 52.1739, 0.3669,
0.3095

 53.8310, 0.3702,
0.3058

Harmonies

Analogous

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



34.5293, 0.3058, 0.3795



34.5293, 0.2744, 0.3518



34.5293, 0.2538, 0.3183

Triad

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



34.5293, 0.2744, 0.3518



34.5293, 0.2832, 0.2734



34.5293, 0.3815, 0.3623

Complementary

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



34.5293, 0.2744, 0.3518



21.4040, 0.3734, 0.3077

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.



34.5293, 0.3752, 0.3344



34.5293, 0.2744, 0.3518



34.5293, 0.3168, 0.2850

Square

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



34.5293, 0.2744, 0.3518



34.5293, 0.2587, 0.2749



34.5293, 0.3510, 0.3068



34.5293, 0.3682, 0.3837

Rectangle

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



34.5293, 0.2744, 0.3518



34.5293, 0.2484, 0.2986



34.5293, 0.3510, 0.3068



34.5293, 0.3816, 0.3534

Sweetspot

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



34.5307, 0.2744, 0.3518



69.3839, 0.3007, 0.3350



34.3163, 0.3209, 0.4266



15.3744, 0.2991, 0.3358



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



34.5307, 0.2744, 0.3518



60.9605, 0.2671, 0.3580



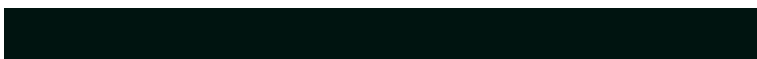
29.8126, 0.2615, 0.3047



8.5011, 0.3017, 0.3344



22.3348, 0.2461, 0.4060



0.5506, 0.2382, 0.3774

Inverse Universe

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



21.4040, 0.3734, 0.3077



33.3491, 0.3945, 0.3027



24.5585, 0.3850, 0.3518



7.5705, 0.3250, 0.3237



6.4089, 0.5927, 0.3039



0.1636, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 34.5293, 0.2744, 0.3518 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 34.5293, 0.2744, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

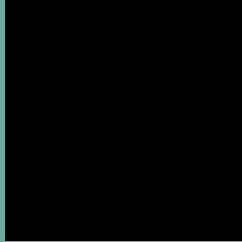
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5293, 0.2744, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 34.5293, 0.2744, 0.3518.

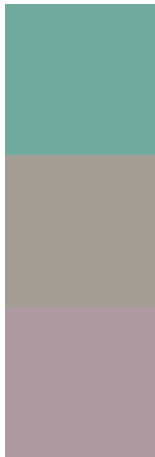


This preview shows how white text looks on a background with the Yxy color 34.5293, 0.2744, 0.3518.

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

34.5293, 0.2744, 0.3518

Protanopia

34.0704, 0.3260, 0.3409

Deuteranopia

34.2048, 0.3262, 0.3191



Tritanopia

34.3496, 0.2612, 0.3072

Trichromacy



Original Color

34.5293, 0.2744, 0.3518

Protanomaly

34.0370, 0.3045, 0.3444

Deuteranomaly

33.7835, 0.3041, 0.3290

Tritanomaly

34.2225, 0.2661, 0.3225

Monochromacy



Original Color

34.5293, 0.2744, 0.3518

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.9879, 0.2963, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5293, 0.2744, 0.3518 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(111, 170, 156)` looks like.

```
.text, #text, p{  
    color:rgb(111, 170, 156)  
}
```

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(111, 170, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 170, 156) }
```

Border

The CSS property to change the border of an element to Yxy 34.5293, 0.2744, 0.3518 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(111, 170, 156) }
```

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

```
.border{ border-color:rgb(111, 170, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 170, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 170, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 170, 156);  
box-shadow:4px 4px 4px 4px rgb(111, 170,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5293, 0.2744, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 170, 156) }
```

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

```
.background{ background-color: rgb(111,  
170, 156) }
```

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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