

Converting Colors

$Y_{xy}(29.2325, 0.2655, 0.3414)$

Have a look what the booklet for
Yxy(29.2325, 0.2655, 0.3414)
contains.

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Color

Yxy(29.2295, 0.2654, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	619E97
RGB	97, 158, 151
RGB Percent	38%, 62%, 59%
CMY	0.6196, 0.3804, 0.4079
CMYK	0.39, 0.00, 0.04, 0.38
HSL	173°, 24%, 50%
HSV	173°, 39%, 62%
XYZ	22.7426, 29.2295, 33.7198
YIQ	138.9630, -34.1090, -15.1090

Conversions

Conversions Part 2

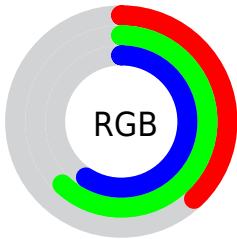
Format	Color
R_{YB}	97, 129, 158
Decimal	6397591
CIE _{Lab}	60.98, -21.41, -2.58
CIE _{LCh}	61, 21.570, 186.875
Yxy	29.2295, 0.2654, 0.3411
Android (android.graphics.Color)	4284587671 (0xFF619E97)
YUV	138.9630, 5.9342, -36.8016
Hunter-Lab	54.0643, -19.5250, 0.8660

Details

The Yxy color **29.2295, 0.2654, 0.3411** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.8197, 0.3943, 0.3177**, and the grayscale version is **25.7913, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4803, 0.2749, 0.3392**, and **11.7861, 0.2496, 0.3446** is the 20% darker color. If you saturate the color by 10%, you get **28.3889, 0.2560, 0.3448**, and if you desaturate by 10%, it is **30.2462, 0.2762, 0.3376**.

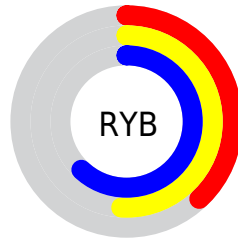
Distribution



Red (38%)

Green (62%)

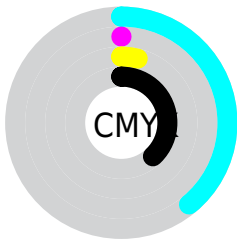
Blue (59%)



Red (38%)

Yellow (51%)

Blue (62%)

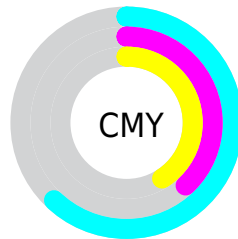


Cyan (39%)

Magenta (0%)

Yellow (4%)

Black (38%)



Cyan (62%)


Magenta (38%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2295, 0.2654, 0.3411 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 29.2295, 0.2654, 0.3411 by changing the saturation by 10% instead.

 29.2295, 0.2654,
0.3411


 29.2295, 0.2654,
0.3411


298.2963, 0.2907,
0.3348

 19.2545, 0.2585,
0.3427


 58.4415, 0.2750,
0.3388


 11.8543, 0.2493,
0.3448

 78.4473, 0.2785,
0.3379

 6.6446, 0.2363,
0.3477


 102.5655, 0.2814,
0.3372

 3.2408, 0.2169,
0.3517

 131.1805, 0.2838,
0.3366

 1.2587, 0.1807,
0.3593

164.6767, 0.2859,
0.3361

 0.1089, 0.0000,
0.2669

203.4385, 0.2877,

 0.0000, 0.0000,

0.3356

0.0000

247.8502, 0.2893,
0.3352

■ 29.2295, 0.2654,
0.3411

■ 29.2295, 0.2654,
0.3411

■ 28.3889, 0.2560,
0.3448

■ 30.2462, 0.2762,
0.3376

■ 27.7105, 0.2482,
0.3485

■ 31.4451, 0.2882,
0.3344

■ 27.1842, 0.2421,
0.3524


■ 32.8360, 0.3011,
0.3314

■ 26.7971, 0.2380,
0.3563


■ 34.4271, 0.3146,
0.3286

■ 26.5340, 0.2356,
0.3602

■ 36.2262, 0.3285,
0.3262


 26.3656, 0.2347,
0.3641

 38.2406, 0.3425,
0.3239

 26.3439, 0.2346,
0.3647

 40.4773, 0.3564,
0.3220

 42.9430, 0.3701,
0.3203

 45.6439, 0.3834,
0.3188

Harmonies

Analogous

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



29.2295, 0.2944, 0.3727



29.2295, 0.2654, 0.3411



29.2295, 0.2492, 0.3078

Triad

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



29.2295, 0.2654, 0.3411



29.2295, 0.2931, 0.2749



29.2295, 0.3804, 0.3710

Complementary

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



29.2295, 0.2654, 0.3411



16.8197, 0.3943, 0.3177

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.



29.2295, 0.3807, 0.3440



29.2295, 0.2654, 0.3411



29.2295, 0.3287, 0.2905

Square

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



29.2295, 0.2654, 0.3411



29.2295, 0.2645, 0.2719



29.2295, 0.3614, 0.3151



29.2295, 0.3612, 0.3890

Rectangle

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



29.2295, 0.2654, 0.3411



29.2295, 0.2472, 0.2899



29.2295, 0.3614, 0.3151



29.2295, 0.3827, 0.3627

Sweetspot

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



29.2307, 0.2654, 0.3411



58.6697, 0.2964, 0.3324



28.2682, 0.3138, 0.4411



13.1577, 0.2948, 0.3328



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



29.2307, 0.2654, 0.3411



51.7914, 0.2575, 0.3441



22.2328, 0.2542, 0.2867



7.4964, 0.3003, 0.3316



21.1016, 0.2345, 0.3643



0.3807, 0.2302, 0.3487

Inverse Universe

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



16.8197, 0.3943, 0.3177



26.1034, 0.4216, 0.3154



21.6591, 0.3905, 0.3674



6.6579, 0.3267, 0.3265



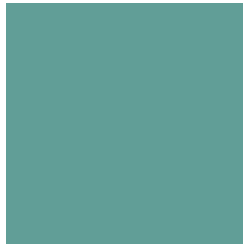
5.8604, 0.6228, 0.3205



0.1079, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 29.2295, 0.2654, 0.3411 looks on a white 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

Black Background



This preview shows how the Yxy color 29.2295, 0.2654, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

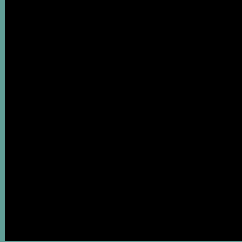
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2295, 0.2654, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 29.2295, 0.2654, 0.3411.

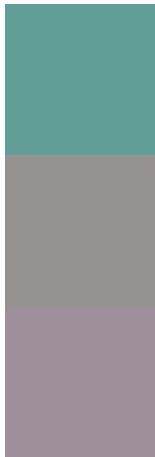


This preview shows how white text looks on a background with the Yxy color 29.2295, 0.2654, 0.3411.

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

29.2295, 0.2654, 0.3411

Protanopia

29.0554, 0.3189, 0.3322

Deuteranopia

28.8472, 0.3168, 0.3107



Tritanopia

29.0365, 0.2554, 0.3070

Trichromacy



Original Color

29.2295, 0.2654, 0.3411

Protanomaly

28.7446, 0.2966, 0.3339

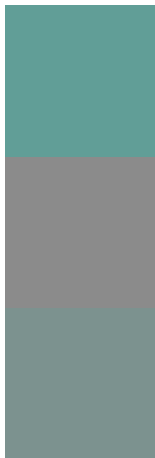
Deuteranomaly

28.6306, 0.2951, 0.3208

Tritanomaly

29.0949, 0.2592, 0.3186

Monochromacy



Original Color

29.2295, 0.2654, 0.3411

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.8260, 0.2933, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2295, 0.2654, 0.3411 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(97, 158, 151)` looks like.

```
.text, #text, p{  
    color:rgb(97, 158, 151)  
}
```

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(97, 158, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 158, 151) }
```

Border

The CSS property to change the border of an element to Yxy 29.2295, 0.2654, 0.3411 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(97, 158, 151) }
```

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

```
.border{ border-color:rgb(97, 158, 151) }
```

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

Here you see how a box with a 4 pixel rgb(97, 158, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 158, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 158, 151);  
box-shadow:4px 4px 4px 4px rgb(97, 158,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2295, 0.2654, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 158, 151) }
```

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

```
.background{ background-color: rgb(97, 158,  
151) }
```

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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