

Converting Colors

$Y_{xy}(29.0789, 0.2695, 0.3514)$

Have a look what the booklet for
Yxy(29.0789, 0.2695, 0.3514)
contains.

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Color

Yxy(29.0394, 0.2698, 0.3519)

Conversions

Conversions Part 1

Format	Color
Hex	619E91
RGB	97, 158, 145
RGB Percent	38%, 62%, 57%
CMY	0.6197, 0.3804, 0.4314
CMYK	0.39, 0.00, 0.08, 0.38
HSL	167°, 24%, 50%
HSV	167°, 39%, 62%
XYZ	22.2644, 29.0394, 31.2180
YIQ	138.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

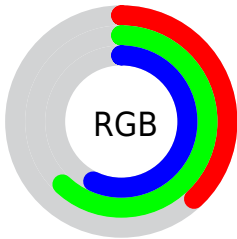
Format	Color
R_{YB}	97, 131, 158
Decimal	6397585
CIE _{Lab}	60.82, -22.89, 0.56
CIE _{LCh}	61, 22.892, 178.593
Yxy	29.0394, 0.2698, 0.3519
Android (android.graphics.Color)	4284587665 (0xFF619E91)
YUV	138.2790, 3.3135, -36.2017
Hunter-Lab	53.8882, -20.5556, 3.3745

Details

The Yxy color **29.0394, 0.2698, 0.3519** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.9386, 0.3851, 0.3078**, and the grayscale version is **25.5216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1961, 0.2784, 0.3471**, and **11.6922, 0.2543, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **28.1553, 0.2612, 0.3589**, and if you desaturate by 10%, it is **30.1018, 0.2797, 0.3453**.

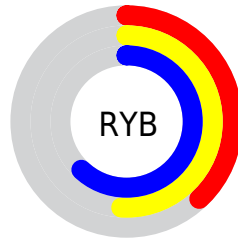
Distribution



Red (38%)

Green (62%)

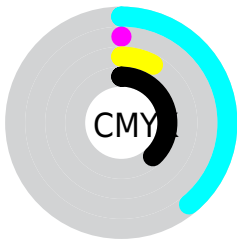
Blue (57%)



Red (38%)

Yellow (51%)

Blue (62%)

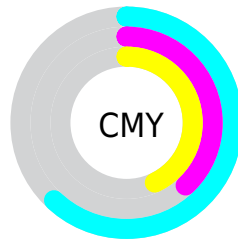


Cyan (39%)

Magenta (0%)

Yellow (8%)

Black (38%)



Cyan (62%)


Magenta (38%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0394, 0.2698, 0.3519 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 29.0394, 0.2698, 0.3519 by changing the saturation by 10% instead.

 29.0394, 0.2698,
0.3519


 29.0394, 0.2698,
0.3519


297.4008, 0.2929,
0.3396


 19.1106, 0.2634,
0.3553


 58.1397, 0.2786,
0.3472


 11.7502, 0.2549,
0.3599


 78.0800, 0.2818,
0.3455

 6.5738, 0.2428,
0.3665


 102.1262, 0.2844,
0.3441

 3.1971, 0.2243,
0.3765

 130.6629, 0.2867,
0.3429

 1.2355, 0.1862,
0.3970

164.0742, 0.2886,
0.3419

 0.0904, 0.0000,
0.6046

202.7448, 0.2902,

 0.0000, 0.0000,

0.3410

0.0000

247.0588, 0.2916,
0.3402

■ 29.0394, 0.2698,
0.3519

■ 29.0394, 0.2698,
0.3519

■ 28.1553, 0.2612,
0.3589

■ 30.1018, 0.2797,
0.3453

■ 27.4356, 0.2542,
0.3662

■ 31.3484, 0.2906,
0.3391

■ 26.8701, 0.2488,
0.3738


■ 32.7894, 0.3023,
0.3335

■ 26.4458, 0.2454,
0.3815


■ 34.4328, 0.3144,
0.3283


■ 26.1476, 0.2438,
0.3892


■ 36.2864, 0.3268,
0.3237

 25.9460, 0.2438,
0.3968

 38.3576, 0.3392,
0.3196

 25.9203, 0.2439,
0.3979

 40.6535, 0.3516,
0.3159

 43.1806, 0.3637,
0.3127

 45.9453, 0.3754,
0.3099

Harmonies

Analogous

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



29.0394, 0.3032, 0.3828



29.0394, 0.2698, 0.3519



29.0394, 0.2485, 0.3155

Triad

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



29.0394, 0.2698, 0.3519



29.0394, 0.2824, 0.2694



29.0394, 0.3869, 0.3661

Complementary

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



29.0394, 0.2698, 0.3519



16.9386, 0.3851, 0.3078

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.



29.0394, 0.3813, 0.3362



29.0394, 0.2698, 0.3519



29.0394, 0.3190, 0.2825

Square

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



29.0394, 0.2698, 0.3519



29.0394, 0.2554, 0.2701



29.0394, 0.3558, 0.3063



29.0394, 0.3715, 0.3889

Rectangle

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



29.0394, 0.2698, 0.3519



29.0394, 0.2432, 0.2945



29.0394, 0.3558, 0.3063



29.0394, 0.3875, 0.3565

Sweetspot

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



29.0406, 0.2698, 0.3519



58.5539, 0.2980, 0.3355



28.6466, 0.3195, 0.4392



13.1291, 0.2966, 0.3361



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.



29.0406, 0.2698, 0.3519



51.3801, 0.2626, 0.3577



23.9739, 0.2558, 0.2980



7.4853, 0.3015, 0.3338



20.7628, 0.2437, 0.3972



0.3768, 0.2352, 0.3667

Inverse Universe

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



16.9386, 0.3851, 0.3078



26.3473, 0.4089, 0.3035



20.2263, 0.3944, 0.3576



6.6681, 0.3252, 0.3243



5.9178, 0.5993, 0.3075



0.1112, 0.5058, 0.2560

Previews

White Background



This preview shows how the Yxy color 29.0394, 0.2698, 0.3519 looks on a white background.

Color Contrast Check

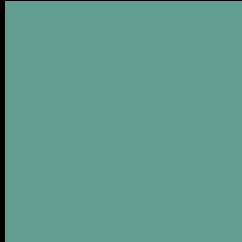
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0394, 0.2698, 0.3519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

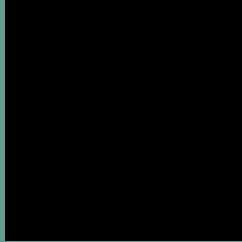
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0394, 0.2698, 0.3519

Background



This preview shows how black text looks on a background with the Yxy color 29.0394, 0.2698, 0.3519.

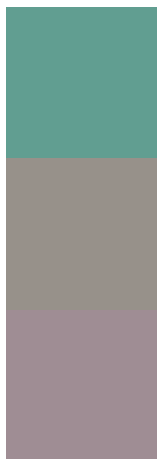


This preview shows how white text looks on a background with the Yxy color 29.0394, 0.2698, 0.3519.

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

29.0394, 0.2698, 0.3519

Protanopia

28.6651, 0.3260, 0.3402

Deuteranopia

28.5588, 0.3251, 0.3183



Tritanopia

29.1163, 0.2576, 0.3087

Trichromacy



Original Color

29.0394, 0.2698, 0.3519

Protanomaly

28.5611, 0.3020, 0.3440

Deuteranomaly

28.2083, 0.3015, 0.3290

Tritanomaly

29.0468, 0.2620, 0.3237

Monochromacy



Original Color

29.0394, 0.2698, 0.3519

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.3848, 0.2941, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0394, 0.2698, 0.3519 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, 145)` looks like.

```
.text, #text, p{  
  color:rgb(97, 158, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 158, 145) }
```

Border

The CSS property to change the border of an element to Yxy 29.0394, 0.2698, 0.3519 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, 145) }
```

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

```
.border{ border-color:rgb(97, 158, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 158, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 158, 145);  
box-shadow:4px 4px 4px 4px rgb(97, 158,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0394, 0.2698, 0.3519 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, 145) }
```

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

```
.background{ background-color: rgb(97, 158,  
145) }
```

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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