

Converting Colors

$Y_{xy}(28.0785, 0.2632, 0.3395)$

Have a look what the booklet for
Yxy(28.0785, 0.2632, 0.3395)
contains.

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Color

Yxy(27.9398, 0.2632, 0.3395)

Conversions

Conversions Part 1

Format	Color
Hex	5D9B95
RGB	93, 155, 149
RGB Percent	36%, 61%, 58%
CMY	0.6354, 0.3921, 0.4156
CMYK	0.40, 0.00, 0.04, 0.39
HSL	174°, 25%, 49%
HSV	174°, 40%, 61%
XYZ	21.6605, 27.9398, 32.6966
YIQ	135.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

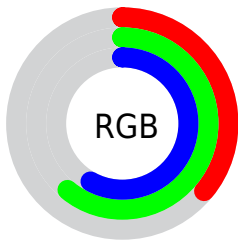
Format	Color
R_{YB}	93, 126, 155
Decimal	6134677
CIE _{Lab}	59.83, -21.46, -3.18
CIE _{LCh}	60, 21.699, 188.430
Yxy	27.9398, 0.2632, 0.3395
Android (android.graphics.Color)	4284324757 (0xFF5D9B95)
YUV	135.7780, 6.5184, -37.5163
Hunter-Lab	52.8581, -19.3548, 0.3255

Details

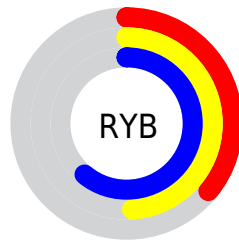
The Yxy color **27.9398, 0.2632, 0.3395** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.6944, 0.4003, 0.3192**, and the grayscale version is **24.5177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.5160, 0.2732, 0.3380**, and **11.2336, 0.2466, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **27.1652, 0.2538, 0.3426**, and if you desaturate by 10%, it is **28.8812, 0.2740, 0.3366**.

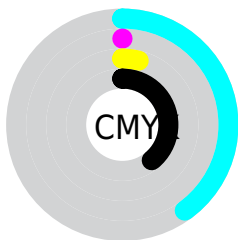
Distribution



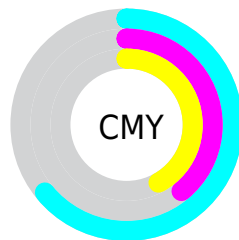
- Red (36%)
- Green (61%)
- Blue (58%)



- Red (36%)
- Yellow (49%)
- Blue (61%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (39%)




- Cyan (64%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9398, 0.2632, 0.3395 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 27.9398, 0.2632, 0.3395 by changing the saturation by 10% instead.


 27.9398, 0.2632,
0.3395

 27.9398, 0.2632,
0.3395


292.1791, 0.2898,
0.3341


 18.2803, 0.2559,
0.3409


 56.3883, 0.2733,
0.3375

 11.1514, 0.2461,
0.3426


 75.9461, 0.2770,
0.3368

 6.1688, 0.2322,
0.3450

 99.5721, 0.2800,
0.3362

 2.9480, 0.2112,
0.3481

 127.6507, 0.2826,
0.3356

 1.1046, 0.1651,
0.3569

160.5663, 0.2848,
0.3352

 0.0000, 0.0000,
0.0000

198.7033, 0.2867,

0.3348

242.4462, 0.2884,
0.3344

■ 27.9398, 0.2632,
0.3395

■ 27.9398, 0.2632,
0.3395

■ 27.1652, 0.2538,
0.3426

■ 28.8812, 0.2740,
0.3366

■ 26.5440, 0.2461,
0.3457

■ 29.9951, 0.2861,
0.3339

■ 26.0664, 0.2402,
0.3489

■ 31.2912, 0.2990,
0.3313

■ 25.7197, 0.2362,
0.3522


■ 32.7774, 0.3127,
0.3290

■ 25.4894, 0.2339,
0.3554

■ 34.4610, 0.3268,
0.3269

 25.3394, 0.2330,
0.3586

 36.3491, 0.3410,
0.3250

 38.4485, 0.3552,
0.3234

 40.7655, 0.3693,
0.3219

 43.3062, 0.3829,
0.3206

Harmonies

Analogous

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



27.9398, 0.2922, 0.3722



27.9398, 0.2632, 0.3395



27.9398, 0.2475, 0.3057

Triad

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



27.9398, 0.2632, 0.3395



27.9398, 0.2945, 0.2744



27.9398, 0.3812, 0.3731

Complementary

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



27.9398, 0.2632, 0.3395



15.6944, 0.4003, 0.3192

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.



27.9398, 0.3826, 0.3458



27.9398, 0.2632, 0.3395



27.9398, 0.3309, 0.2909

Square

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



27.9398, 0.2632, 0.3395



27.9398, 0.2647, 0.2705



27.9398, 0.3638, 0.3163



27.9398, 0.3607, 0.3908

Rectangle

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



27.9398, 0.2632, 0.3395



27.9398, 0.2461, 0.2879



27.9398, 0.3638, 0.3163



27.9398, 0.3840, 0.3647

Sweetspot

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



27.9409, 0.2632, 0.3395



55.4921, 0.2961, 0.3319



26.8969, 0.3128, 0.4460



12.4960, 0.2945, 0.3322



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



27.9409, 0.2632, 0.3395



48.7835, 0.2548, 0.3422



20.7100, 0.2519, 0.2830



7.0163, 0.3001, 0.3311



20.3548, 0.2329, 0.3583



0.3069, 0.2289, 0.3439

Inverse Universe

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



15.6944, 0.4003, 0.3192



23.7496, 0.4312, 0.3173



20.6664, 0.3933, 0.3704



6.2319, 0.3269, 0.3269



5.6276, 0.6259, 0.3221



0.0864, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 27.9398, 0.2632, 0.3395 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 27.9398, 0.2632, 0.3395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

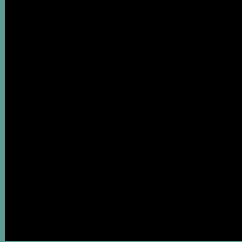
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9398, 0.2632, 0.3395

Background



This preview shows how black text looks on a background with the Yxy color 27.9398, 0.2632, 0.3395.

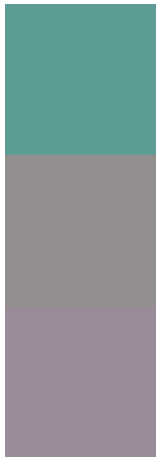


This preview shows how white text looks on a background with the Yxy color 27.9398, 0.2632, 0.3395.

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

27.9398, 0.2632, 0.3395

Protanopia

27.7089, 0.3169, 0.3306

Deuteranopia

27.5045, 0.3147, 0.3088



Tritanopia

28.0405, 0.2541, 0.3083

Trichromacy



Original Color

27.9398, 0.2632, 0.3395

Protanomaly

27.4238, 0.2944, 0.3323

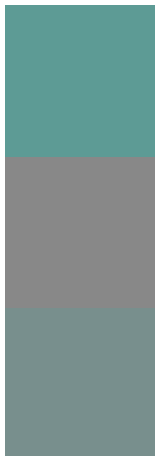
Deuteranomaly

27.3105, 0.2929, 0.3190

Tritanomaly

28.1012, 0.2579, 0.3202

Monochromacy



Original Color

27.9398, 0.2632, 0.3395

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.5611, 0.2910, 0.3324

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9398, 0.2632, 0.3395 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(93, 155, 149)` looks like.

```
.text, #text, p{  
    color:rgb(93, 155, 149)  
}
```

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(93, 155, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 155, 149) }
```

Border

The CSS property to change the border of an element to Yxy 27.9398, 0.2632, 0.3395 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(93, 155, 149) }
```

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

```
.border{ border-color:rgb(93, 155, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 155, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 155, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 155, 149);  
box-shadow:4px 4px 4px 4px rgb(93, 155,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9398, 0.2632, 0.3395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 155, 149) }
```

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

```
.background{ background-color: rgb(93, 155,  
149) }
```

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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