

Converting Colors

$Y_{xy}(26.6108, 0.2633, 0.3395)$

Have a look what the booklet for
Yxy(26.6108, 0.2633, 0.3395)
contains.

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Color

$Y_{xy}(26.7559, 0.2632, 0.3397)$

Conversions

Conversions Part 1

Format	Color
Hex	5B9892
RGB	91, 152, 146
RGB Percent	36%, 60%, 57%
CMY	0.6432, 0.4039, 0.4273
CMYK	0.40, 0.00, 0.04, 0.40
HSL	174°, 25%, 48%
HSV	174°, 40%, 60%
XYZ	20.7305, 26.7559, 31.2769
YIQ	133.0770, -34.4300, -14.7980

Conversions

Conversions Part 2

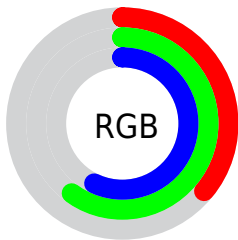
Format	Color
R_{YB}	91, 123, 152
Decimal	6002834
CIE _{Lab}	58.75, -21.22, -3.09
CIE _{LCh}	59, 21.439, 188.280
Yxy	26.7559, 0.2632, 0.3397
Android (android.graphics.Color)	4284192914 (0xFF5B9892)
YUV	133.0770, 6.3710, -36.9015
Hunter-Lab	51.7261, -18.9824, 0.3577

Details

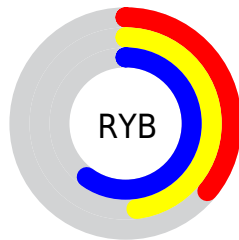
The Yxy color **26.7559, 0.2632, 0.3397** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **15.0157, 0.4004, 0.3191**, and the grayscale version is **23.4696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7251, 0.2734, 0.3381**, and **10.5640, 0.2453, 0.3426** is the 20% darker color. If you saturate the color by 10%, you get **26.0153, 0.2539, 0.3428**, and if you desaturate by 10%, it is **27.6557, 0.2740, 0.3367**.

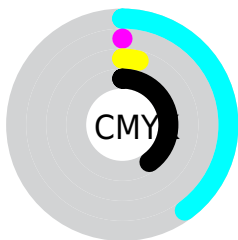
Distribution



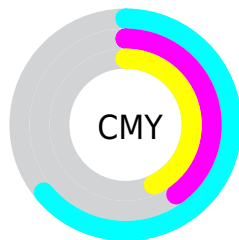
- Red (36%)
- Green (60%)
- Blue (57%)



- Red (36%)
- Yellow (48%)
- Blue (60%)



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





- Cyan (64%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7559, 0.2632, 0.3397 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 26.7559, 0.2632, 0.3397 by changing the saturation by 10% instead.


 26.7559, 0.2632,
0.3397


 26.7559, 0.2632,
0.3397


286.4733, 0.2900,
0.3342


 17.3900, 0.2558,
0.3411


 54.4919, 0.2735,
0.3377


 10.5129, 0.2457,
0.3430


 73.6308, 0.2772,
0.3369

 5.7403, 0.2315,
0.3454

 96.7961, 0.2802,
0.3363

 2.6878, 0.2096,
0.3488

 124.3723, 0.2828,
0.3357

 0.9710, 0.1504,
0.3627

156.7437, 0.2850,
0.3352

 0.0000, 0.0000,
0.0000

194.2947, 0.2869,

0.3348

237.4098, 0.2885,
0.3345

■ 26.7559, 0.2632,
0.3397

■ 26.7559, 0.2632,
0.3397

■ 26.0153, 0.2539,
0.3428

■ 27.6557, 0.2740,
0.3367

■ 25.4213, 0.2462,
0.3460

■ 28.7201, 0.2860,
0.3340

■ 24.9642, 0.2403,
0.3493


■ 29.9584, 0.2989,
0.3314

■ 24.6322, 0.2363,
0.3526

■ 31.3781, 0.3125,
0.3290

■ 24.4112, 0.2340,
0.3558

■ 32.9863, 0.3265,
0.3269

 24.2675, 0.2331,
0.3591

 34.7897, 0.3407,
0.3250

 36.7947, 0.3549,
0.3233

 39.0074, 0.3689,
0.3218

 41.4336, 0.3825,
0.3205

Harmonies

Analogous

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



26.7559, 0.2923, 0.3725



26.7559, 0.2632, 0.3397



26.7559, 0.2474, 0.3058

Triad

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



26.7559, 0.2632, 0.3397



26.7559, 0.2942, 0.2742



26.7559, 0.3814, 0.3731

Complementary

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



26.7559, 0.2632, 0.3397



15.0157, 0.4004, 0.3191

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.



26.7559, 0.3828, 0.3457



26.7559, 0.2632, 0.3397



26.7559, 0.3307, 0.2907

Square

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



26.7559, 0.2632, 0.3397



26.7559, 0.2645, 0.2704



26.7559, 0.3638, 0.3161



26.7559, 0.3610, 0.3909

Rectangle

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



26.7559, 0.2632, 0.3397



26.7559, 0.2459, 0.2879



26.7559, 0.3638, 0.3161



26.7559, 0.3842, 0.3646

Sweetspot

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



26.7570, 0.2632, 0.3397



52.3950, 0.2961, 0.3319



25.7584, 0.3128, 0.4462



11.8487, 0.2946, 0.3322



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



26.7570, 0.2632, 0.3397



46.0617, 0.2549, 0.3424



19.8222, 0.2518, 0.2829



7.0161, 0.3001, 0.3312



20.3490, 0.2330, 0.3588



0.3068, 0.2290, 0.3442

Inverse Universe

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



15.0157, 0.4004, 0.3191



22.4606, 0.4307, 0.3171



19.7805, 0.3935, 0.3705



6.2320, 0.3269, 0.3269



5.6282, 0.6256, 0.3220



0.0864, 0.5654, 0.2888

Previews

White Background



This preview shows how the Yxy color 26.7559, 0.2632, 0.3397 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 26.7559, 0.2632, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

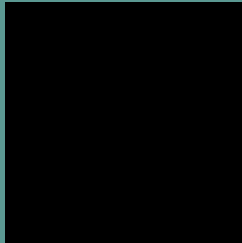
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7559, 0.2632, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 26.7559, 0.2632, 0.3397.



This preview shows how white text looks on a background with the Yxy color 26.7559, 0.2632, 0.3397.

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

26.7559, 0.2632, 0.3397

Protanopia

26.4599, 0.3170, 0.3307

Deuteranopia

26.5453, 0.3147, 0.3100



Tritanopia

26.8542, 0.2540, 0.3080

Trichromacy



Original Color

26.7559, 0.2632, 0.3397

Protanomaly

26.1846, 0.2941, 0.3324

Deuteranomaly

26.1512, 0.2935, 0.3188

Tritanomaly

26.9132, 0.2578, 0.3200

Monochromacy



Original Color

26.7559, 0.2632, 0.3397

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.4427, 0.2916, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7559, 0.2632, 0.3397 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(91, 152, 146)` looks like.

```
.text, #text, p{  
    color:rgb(91, 152, 146)  
}
```

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(91, 152, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 152, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.7559, 0.2632, 0.3397 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(91, 152, 146) }
```

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

```
.border{ border-color:rgb(91, 152, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 152, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 152, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 152, 146);  
box-shadow:4px 4px 4px 4px rgb(91, 152,  
146) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 26.7559, 0.2632, 0.3397$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 152, 146) }
```

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

```
.background{ background-color: rgb(91, 152,  
146) }
```

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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