

Converting Colors

$Yxy(26.8825, 0.2559, 0.3320)$

Have a look what the booklet for
Yxy(26.8825, 0.2559, 0.3320)
contains.

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Color

Yxy(26.9481, 0.2557, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	559997
RGB	85, 153, 151
RGB Percent	33%, 60%, 59%
CMY	0.6665, 0.4000, 0.4080
CMYK	0.44, 0.00, 0.01, 0.40
HSL	178°, 29%, 47%
HSV	178°, 44%, 60%
XYZ	20.7237, 26.9481, 33.3751
YIQ	132.4400, -39.8860, -15.0380

Conversions

Conversions Part 2

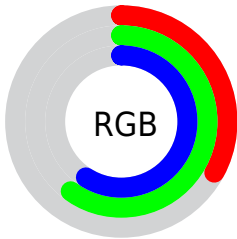
Format	Color
R_{YB}	85, 120, 153
Decimal	5609879
CIE _{Lab}	58.93, -22.02, -5.67
CIE _{LCh}	59, 22.736, 194.433
Yxy	26.9481, 0.2557, 0.3325
Android (android.graphics.Color)	4283799959 (0xFF559997)
YUV	132.4400, 9.1501, -41.6049
Hunter-Lab	51.9116, -19.5860, -1.7808

Details

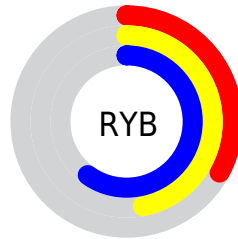
The Yxy color **26.9481, 0.2557, 0.3325** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **13.9640, 0.4227, 0.3259**, and the grayscale version is **23.2214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0085, 0.2676, 0.3328**, and **10.6841, 0.2365, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **26.2937, 0.2466, 0.3334**, and if you desaturate by 10%, it is **27.7596, 0.2665, 0.3316**.

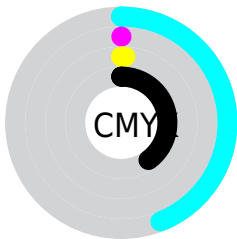
Distribution



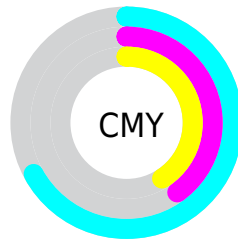
- Red (33%)
- Green (60%)
- Blue (59%)



- Red (33%)
- Yellow (47%)
- Blue (60%)



- Cyan (44%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)





- Cyan (67%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9481, 0.2557, 0.3325 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 26.9481, 0.2557, 0.3325 by changing the saturation by 10% instead.


 26.9481, 0.2557,
0.3325


 26.9481, 0.2557,
0.3325


287.4057, 0.2864,
0.3311


 17.5342, 0.2473,
0.3327


 54.8006, 0.2674,
0.3321


 10.6161, 0.2360,
0.3327


 74.0080, 0.2716,
0.3319

 5.8093, 0.2200,
0.3325

 97.2487, 0.2751,
0.3318

 2.7295, 0.1960,
0.3314

 124.9071, 0.2781,
0.3316

 0.9922, 0.1357,
0.3352

157.3676, 0.2806,
0.3315

 0.0000, 0.0000,
0.0000

195.0147, 0.2828,

0.3313

238.2326, 0.2847,
0.3312

■ 26.9481, 0.2557,
0.3325

■ 26.9481, 0.2557,
0.3325

■ 26.2937, 0.2466,
0.3334

■ 27.7596, 0.2665,
0.3316

■ 25.7830, 0.2392,
0.3344

■ 28.7341, 0.2786,
0.3308

■ 25.4060, 0.2337,
0.3353


■ 29.8811, 0.2920,
0.3300

■ 25.1495, 0.2300,
0.3363


■ 31.2086, 0.3062,
0.3293


■ 24.9979, 0.2279,
0.3372

■ 32.7239, 0.3211,
0.3286

 24.9347, 0.2272,
0.3377

 34.4341, 0.3363,
0.3281

 36.3456, 0.3516,
0.3276

 38.4650, 0.3668,
0.3271

 40.7981, 0.3817,
0.3267

Harmonies

Analogous

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



26.9481, 0.2839, 0.3688



26.9481, 0.2557, 0.3325



26.9481, 0.2425, 0.2979

Triad

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



26.9481, 0.2557, 0.3325



26.9481, 0.3007, 0.2739



26.9481, 0.3824, 0.3804

Complementary

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



26.9481, 0.2557, 0.3325



13.9640, 0.4227, 0.3259

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.



26.9481, 0.3884, 0.3527



26.9481, 0.2557, 0.3325



26.9481, 0.3396, 0.2934

Square

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



26.9481, 0.2557, 0.3325



26.9481, 0.2672, 0.2669



26.9481, 0.3725, 0.3215



26.9481, 0.3573, 0.3964

Rectangle

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



26.9481, 0.2557, 0.3325



26.9481, 0.2433, 0.2809



26.9481, 0.3725, 0.3215



26.9481, 0.3868, 0.3720

Sweetspot

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



26.9492, 0.2557, 0.3325



53.7731, 0.2936, 0.3299



25.4799, 0.3084, 0.4625



11.7731, 0.2908, 0.3301



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.



26.9492, 0.2557, 0.3325



47.1276, 0.2469, 0.3334



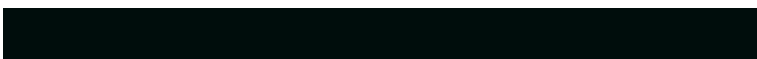
17.9765, 0.2440, 0.2679



7.0234, 0.2993, 0.3296



20.6087, 0.2271, 0.3377



0.3090, 0.2259, 0.3334

Inverse Universe

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



13.9640, 0.4227, 0.3259



20.8984, 0.4613, 0.3255



20.0937, 0.4016, 0.3822



6.2255, 0.3279, 0.3284



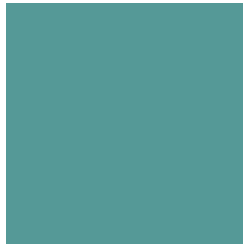
5.6064, 0.6357, 0.3276



0.0845, 0.6146, 0.3159

Previews

White Background



This preview shows how the Yxy color 26.9481, 0.2557, 0.3325 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 26.9481, 0.2557, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

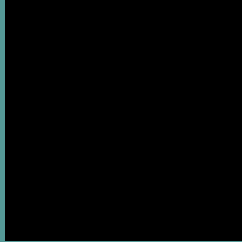
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9481, 0.2557, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 26.9481, 0.2557, 0.3325.

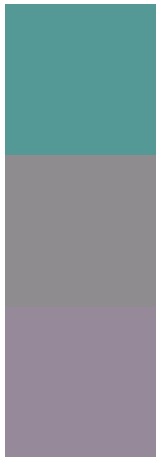


This preview shows how white text looks on a background with the Yxy color 26.9481, 0.2557, 0.3325.

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

26.9481, 0.2557, 0.3325

Protanopia

26.5790, 0.3129, 0.3241

Deuteranopia

26.6140, 0.3086, 0.3022



Tritanopia

26.9014, 0.2494, 0.3078

Trichromacy



Original Color

26.9481, 0.2557, 0.3325

Protanomaly

26.4637, 0.2886, 0.3272

Deuteranomaly

26.3804, 0.2861, 0.3122

Tritanomaly

27.0344, 0.2518, 0.3164

Monochromacy



Original Color

26.9481, 0.2557, 0.3325

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.2651, 0.2877, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9481, 0.2557, 0.3325 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(85, 153, 151)` looks like.

```
.text, #text, p{  
  color:rgb(85, 153, 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(85, 153, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 153, 151) }
```

Border

The CSS property to change the border of an element to Yxy 26.9481, 0.2557, 0.3325 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(85, 153, 151) }
```

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

```
.border{ border-color:rgb(85, 153, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 153, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 153, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 153, 151);  
box-shadow:4px 4px 4px 4px rgb(85, 153,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9481, 0.2557, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 153, 151) }
```

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

```
.background{ background-color: rgb(85, 153,  
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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