

Converting Colors

$Y_{xy}(26.2888, 0.2902, 0.3289)$

Have a look what the booklet for
Yxy(26.2888, 0.2902, 0.3289)
contains.

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Color

Yxy(26.4327, 0.2895, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	7A9191
RGB	122, 145, 145
RGB Percent	48%, 57%, 57%
CMY	0.5214, 0.4314, 0.4313
CMYK	0.16, 0.00, 0.00, 0.43
HSL	180°, 9%, 52%
HSV	180°, 16%, 57%
XYZ	23.2662, 26.4327, 30.6680
YIQ	138.1230, -13.7080, -4.8760

Conversions

Conversions Part 2

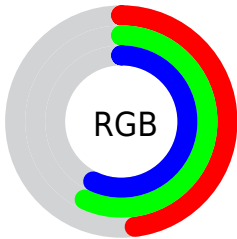
Format	Color
R_{YB}	122, 134, 145
Decimal	8032657
CIE _{Lab}	58.45, -8.11, -2.75
CIE _{LCh}	58, 8.563, 198.708
Yxy	26.4327, 0.2895, 0.3289
Android (android.graphics.Color)	4286222737 (0xFF7A9191)
YUV	138.1230, 3.3904, -14.1399
Hunter-Lab	51.4127, -9.1942, 0.6220

Details

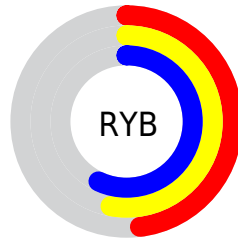
The Yxy color $26.4327, 0.2895, 0.3289$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $21.3581, 0.3415, 0.3291$, and the grayscale version is $25.4585, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0843, 0.2944, 0.3289$, and $10.4271, 0.2809, 0.3289$ is the 20% darker color. If you saturate the color by 10%, you get $25.4494, 0.2760, 0.3288$, and if you desaturate by 10%, it is $27.5762, 0.3039, 0.3290$.

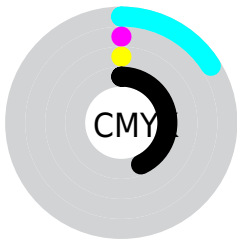
Distribution



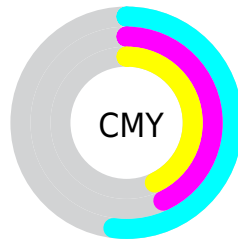
- Red (48%)
- Green (57%)
- Blue (57%)



- Red (48%)
- Yellow (53%)
- Blue (57%)



- Cyan (16%)
- Magenta (0%)
- Yellow (0%)
- Black (43%)





- Cyan (52%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4327, 0.2895, 0.3289 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 26.4327, 0.2895, 0.3289 by changing the saturation by 10% instead.


 26.4327, 0.2895,
0.3289

 26.4327, 0.2895,
0.3289


284.8998, 0.3021,
0.3291


 17.1476, 0.2859,
0.3288


 53.9722, 0.2944,
0.3290

 10.3398, 0.2811,
0.3287


 72.9954, 0.2961,
0.3290

 5.6248, 0.2742,
0.3284


 96.0334, 0.2976,
0.3290

 2.6183, 0.2633,
0.3279

123.4706, 0.2988,
0.3290

 0.9359, 0.2417,
0.3275

155.6915, 0.2998,
0.3290

 0.0000, 0.0000,
0.0000

193.0804, 0.3007,

0.3290

236.0217, 0.3015,
0.3291

■ 26.4327, 0.2895,
0.3289

■ 26.4327, 0.2895,
0.3289

■ 25.4494, 0.2760,
0.3288

■ 27.5762, 0.3039,
0.3290

■ 24.6160, 0.2638,
0.3288

■ 28.8830, 0.3191,
0.3290

■ 23.9261, 0.2530,
0.3287

■ 30.3606, 0.3346,
0.3291

■ 23.3717, 0.2439,
0.3287

■ 32.0147, 0.3503,
0.3291

■ 22.9436, 0.2366,
0.3286

■ 33.8509, 0.3660,
0.3292

■ 22.6319, 0.2312,
0.3286

■ 35.8746, 0.3814,
0.3293

■ 22.4252, 0.2275,
0.3286

■ 38.0908, 0.3964,
0.3293

■ 22.3065, 0.2253,
0.3285

■ 40.5045, 0.4108,
0.3294

■ 22.2663, 0.2246,
0.3285

■ 43.1203, 0.4247,
0.3294

Harmonies

Analogous

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



26.4327, 0.3001, 0.3419



26.4327, 0.2895, 0.3289



26.4327, 0.2850, 0.3163

Triad

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



26.4327, 0.2895, 0.3289



26.4327, 0.3106, 0.3079



26.4327, 0.3382, 0.3504

Complementary

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



26.4327, 0.2895, 0.3289



21.3581, 0.3415, 0.3291

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.



26.4327, 0.3413, 0.3407



26.4327, 0.2895, 0.3289



26.4327, 0.3251, 0.3165

Square

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



26.4327, 0.2895, 0.3289



26.4327, 0.2970, 0.3045



26.4327, 0.3364, 0.3284



26.4327, 0.3283, 0.3544

Rectangle

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



26.4327, 0.2895, 0.3289



26.4327, 0.2860, 0.3098



26.4327, 0.3364, 0.3284



26.4327, 0.3401, 0.3476

Sweetspot

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



26.4338, 0.2895, 0.3289



49.5397, 0.3050, 0.3290



25.8003, 0.3108, 0.3700



10.9900, 0.3041, 0.3290



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.4338, 0.2895, 0.3289



46.6734, 0.2846, 0.3289



23.1031, 0.2887, 0.3088



6.1157, 0.2991, 0.3289



19.0954, 0.2246, 0.3285



0.1827, 0.2246, 0.3286

Inverse Universe

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



21.9921, 0.3145, 0.2912



37.1729, 0.3149, 0.2826



24.3452, 0.3385, 0.3484



5.5110, 0.3137, 0.3073



6.9140, 0.3211, 0.1543



0.0661, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 26.4327, 0.2895, 0.3289 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 26.4327, 0.2895, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

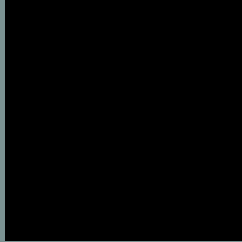
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

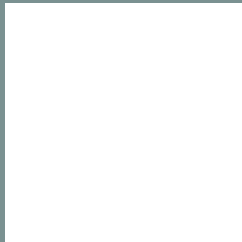
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4327, 0.2895, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 26.4327, 0.2895, 0.3289.

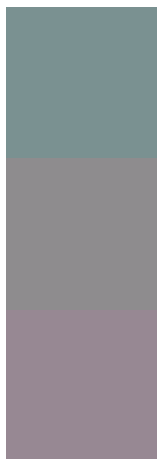


This preview shows how white text looks on a background with the Yxy color 26.4327, 0.2895, 0.3289.

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

26.4327, 0.2895, 0.3289

Protanopia

26.4599, 0.3129, 0.3257

Deuteranopia

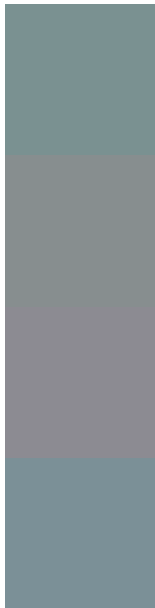
26.2942, 0.3180, 0.3116



Tritanopia

26.2966, 0.2824, 0.3088

Trichromacy



Original Color

26.4327, 0.2895, 0.3289

Protanomaly

26.4801, 0.3043, 0.3273

Deuteranomaly

26.1160, 0.3068, 0.3175

Tritanomaly

26.3918, 0.2850, 0.3171

Monochromacy



Original Color

26.4327, 0.2895, 0.3289

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.8784, 0.3032, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4327, 0.2895, 0.3289 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(122, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 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(122, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 145) }
```

Border

The CSS property to change the border of an element to Yxy 26.4327, 0.2895, 0.3289 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(122, 145, 145) }
```

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

```
.border{ border-color:rgb(122, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(122, 145,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4327, 0.2895, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 145) }
```

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

```
.background{ background-color: rgb(122,  
145, 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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