

Converting Colors

$Y_{xy}(26.7712, 0.3178, 0.3196)$

Have a look what the booklet for
Yxy(26.7712, 0.3178, 0.3196)
contains.

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Color

Yxy(26.8991, 0.3175, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	958B91
RGB	149, 139, 145
RGB Percent	58%, 55%, 57%
CMY	0.4157, 0.4549, 0.4313
CMYK	0.00, 0.07, 0.03, 0.42
HSL	324°, 5%, 56%
HSV	324°, 7%, 58%
XYZ	26.7391, 26.8991, 30.5794
YIQ	142.6740, 4.0340, 3.9860

Conversions

Conversions Part 2

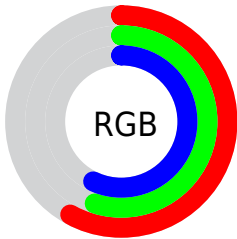
Format	Color
RYB	149, 139, 145
Decimal	9800593
CIELab	58.88, 4.86, -1.87
CIElCh	59, 5.207, 338.958
Yxy	26.8991, 0.3175, 0.3194
Android (android.graphics.Color)	4287990673 (0xFF958B91)
YUV	142.6740, 1.1467, 5.5479
Hunter-Lab	51.8643, 1.2645, 1.3474

Details

The Yxy color $26.8991, 0.3175, 0.3194$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.9666, 0.3082, 0.3388$, and the grayscale version is $27.3266, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5193, 0.3163, 0.3206$, and $10.5677, 0.3182, 0.3150$ is the 20% darker color. If you saturate the color by 10%, you get $22.6972, 0.3257, 0.3045$, and if you desaturate by 10%, it is $31.7010, 0.3106, 0.3336$.

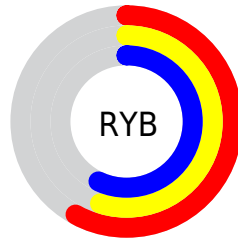
Distribution



Red (58%)

Green (55%)

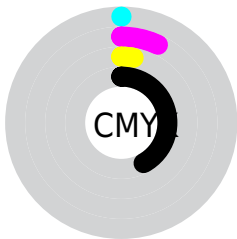
Blue (57%)



Red (58%)

Yellow (55%)

Blue (57%)

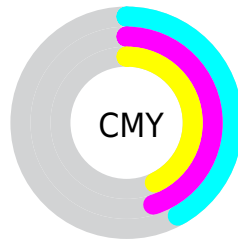


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (42%)



Cyan (42%)


Magenta (45%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8991, 0.3175, 0.3194 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 26.8991, 0.3175, 0.3194 by changing the saturation by 10% instead.


 26.8991, 0.3175,
0.3194


 26.8991, 0.3175,
0.3194


287.1683, 0.3149,
0.3246


 17.4975, 0.3182,
0.3179


 54.7219, 0.3165,
0.3214

 10.5898, 0.3192,
0.3160

 73.9119, 0.3161,
0.3221

 5.7917, 0.3206,
0.3131

 97.1334, 0.3159,
0.3227

 2.7189, 0.3228,
0.3087

124.7709, 0.3156,
0.3232

 0.9868, 0.3267,
0.3009

157.2087, 0.3154,
0.3236

 0.0000, 1.0000,
0.0000


194.8313, 0.3152,


 0.0000, 0.0000,

0.3240


0.0000

238.0230, 0.3151,
0.3243


 26.8991, 0.3175,
0.3194

 26.8991, 0.3175,
0.3194


 22.6972, 0.3257,
0.3045

 31.7010, 0.3106,
0.3336


 19.0679, 0.3355,
0.2891

 37.1219, 0.3048,
0.3468


 15.9872, 0.3469,
0.2736

 43.1841, 0.2999,
0.3591

 13.4277, 0.3600,
0.2587

 49.9079, 0.2959,
0.3705

 11.3598, 0.3749,
0.2451

 57.3127, 0.2926,
0.3809

■ 9.7508, 0.3912,
0.2340

■ 65.4170, 0.2898,
0.3905

■ 8.5640, 0.4087,
0.2264

■ 74.2387, 0.2875,
0.3992

■ 7.7572, 0.4266,
0.2232

■ 81.7352, 0.2853,
0.4040

■ 7.2629, 0.4444,
0.2247

■ 82.0041, 0.2824,
0.3965

Harmonies

Analogous

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



26.8991, 0.3086, 0.3150



26.8991, 0.3175, 0.3194



26.8991, 0.3252, 0.3263

Triad

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



26.8991, 0.3175, 0.3194



26.8991, 0.3245, 0.3440



26.8991, 0.2963, 0.3237

Complementary

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



26.8991, 0.3175, 0.3194



28.9666, 0.3082, 0.3388

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.



26.8991, 0.3004, 0.3317



26.8991, 0.3175, 0.3194



26.8991, 0.3166, 0.3435

Square

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



26.8991, 0.3175, 0.3194



26.8991, 0.3292, 0.3404



26.8991, 0.3078, 0.3389



26.8991, 0.2965, 0.3174

Rectangle

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



26.8991, 0.3175, 0.3194



26.8991, 0.3285, 0.3314



26.8991, 0.3078, 0.3389



26.8991, 0.2972, 0.3263

Sweetspot

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



26.9003, 0.3175, 0.3194



52.0541, 0.3141, 0.3261



26.4605, 0.3069, 0.3128



11.5604, 0.3140, 0.3263



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.9003, 0.3175, 0.3194



47.0166, 0.3186, 0.3173



26.7537, 0.3225, 0.3272



5.8705, 0.3194, 0.3158



6.0010, 0.4493, 0.2249



0.0793, 0.3807, 0.1871

Inverse Universe

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



26.9003, 0.3175, 0.3194



47.0166, 0.3186, 0.3173



29.1169, 0.3037, 0.3309



5.8705, 0.3194, 0.3158



6.0010, 0.4493, 0.2249



0.0793, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 26.8991, 0.3175, 0.3194 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 26.8991, 0.3175, 0.3194 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 26.8991, 0.3175, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 26.8991, 0.3175, 0.3194.



This preview shows how white text looks on a background with the Yxy color 26.8991, 0.3175, 0.3194.

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

26.8991, 0.3175, 0.3194

Protanopia

26.9647, 0.3099, 0.3209

Deuteranopia

26.8057, 0.3233, 0.3165



Tritanopia

26.8309, 0.3146, 0.3116

Trichromacy



Original Color

26.8991, 0.3175, 0.3194

Protanomaly

26.8512, 0.3121, 0.3193

Deuteranomaly

26.8967, 0.3209, 0.3180

Tritanomaly

26.7991, 0.3156, 0.3132

Monochromacy



Original Color

26.8991, 0.3175, 0.3194

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.3794, 0.3139, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8991, 0.3175, 0.3194 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(149, 139, 145)` looks like.

```
.text, #text, p{  
    color:rgb(149, 139, 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(149, 139, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 139, 145) }
```

Border

The CSS property to change the border of an element to Yxy 26.8991, 0.3175, 0.3194 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(149, 139, 145) }
```

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

```
.border{ border-color:rgb(149, 139, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 139, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 139, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 139, 145);  
box-shadow:4px 4px 4px 4px rgb(149, 139,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8991, 0.3175, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 139, 145) }
```

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

```
.background{ background-color: rgb(149,  
139, 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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