

Converting Colors

$Y_{xy}(26.3998, 0.3164, 0.3193)$

Have a look what the booklet for
Yxy(26.3998, 0.3164, 0.3193)
contains.

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Color

Yxy(26.3936, 0.3165, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	938A90
RGB	147, 138, 144
RGB Percent	58%, 54%, 56%
CMY	0.4233, 0.4589, 0.4353
CMYK	0.00, 0.06, 0.02, 0.42
HSL	320°, 4%, 56%
HSV	320°, 6%, 58%
XYZ	26.1621, 26.3936, 30.1051
YIQ	141.3750, 3.4380, 3.7740

Conversions

Conversions Part 2

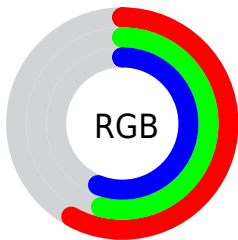
Format	Color
R_{YB}	147, 138, 144
Decimal	9669264
CIE _{Lab}	58.41, 4.52, -2.00
CIE _{LCh}	58, 4.944, 336.107
Yxy	26.3936, 0.3165, 0.3193
Android (android.graphics.Color)	4287859344 (0xFF938A90)
YUV	141.3750, 1.2941, 4.9331
Hunter-Lab	51.3747, 0.9939, 1.2189

Details

The Yxy color $26.3936, 0.3165, 0.3193$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.2087, 0.3091, 0.3389$, and the grayscale version is $26.7876, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.7563, 0.3155, 0.3206$, and $10.2744, 0.3166, 0.3148$ is the 20% darker color. If you saturate the color by 10%, you get $22.3100, 0.3235, 0.3029$, and if you desaturate by 10%, it is $31.0573, 0.3106, 0.3349$.

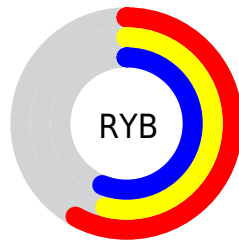
Distribution



Red (58%)

Green (54%)

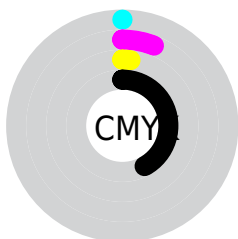
Blue (56%)



Red (58%)

Yellow (54%)

Blue (56%)

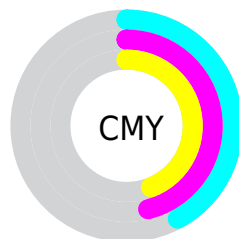


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (42%)



Cyan (42%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3936, 0.3165, 0.3193 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 26.3936, 0.3165, 0.3193 by changing the saturation by 10% instead.


 26.3936, 0.3165,
0.3193


 26.3936, 0.3165,
0.3193


284.7089, 0.3145,
0.3246


 17.1183, 0.3171,
0.3178


 53.9092, 0.3157,
0.3213

 10.3189, 0.3179,
0.3158


 72.9184, 0.3154,
0.3221

 5.6109, 0.3190,
0.3129

 95.9410, 0.3152,
0.3227

 2.6100, 0.3207,
0.3084

123.3614, 0.3150,
0.3232

 0.9317, 0.3238,
0.3003

155.5640, 0.3148,
0.3236

 0.0000, 0.0000,
0.0000

192.9331, 0.3147,

0.3240

235.8533, 0.3146,
0.3243

■ 26.3936, 0.3165,
0.3193

■ 26.3936, 0.3165,
0.3193

■ 22.3100, 0.3235,
0.3029

■ 31.0573, 0.3106,
0.3349

■ 18.7803, 0.3318,
0.2861

■ 36.3194, 0.3056,
0.3495

■ 15.7811, 0.3413,
0.2692

■ 42.2015, 0.3014,
0.3630

■ 13.2863, 0.3522,
0.2528

■ 48.7230, 0.2979,
0.3756

■ 11.2673, 0.3643,
0.2380

■ 55.9026, 0.2949,
0.3871

■ 9.6928, 0.3776,
0.2255

■ 63.7582, 0.2925,
0.3977

■ 8.5277, 0.3916,
0.2164

■ 72.3070, 0.2905,
0.4074

■ 7.7313, 0.4060,
0.2117

■ 81.1654, 0.2888,
0.4156

■ 7.2432, 0.4202,
0.2116

■ 81.3750, 0.2863,
0.4093

Harmonies

Analogous

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



26.3936, 0.3080, 0.3154



26.3936, 0.3165, 0.3193



26.3936, 0.3240, 0.3257

Triad

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



26.3936, 0.3165, 0.3193



26.3936, 0.3246, 0.3431



26.3936, 0.2972, 0.3247

Complementary

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



26.3936, 0.3165, 0.3193



28.2087, 0.3091, 0.3389

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.



26.3936, 0.3015, 0.3323



26.3936, 0.3165, 0.3193



26.3936, 0.3172, 0.3430

Square

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



26.3936, 0.3165, 0.3193



26.3936, 0.3287, 0.3394



26.3936, 0.3088, 0.3390



26.3936, 0.2970, 0.3184

Rectangle

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



26.3936, 0.3165, 0.3193



26.3936, 0.3275, 0.3306



26.3936, 0.3088, 0.3390



26.3936, 0.2982, 0.3271

Sweetspot

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



26.3947, 0.3165, 0.3193



50.5463, 0.3139, 0.3258



25.9447, 0.3069, 0.3142



11.5626, 0.3138, 0.3260



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.



26.3947, 0.3165, 0.3193



46.4726, 0.3171, 0.3177



26.2594, 0.3212, 0.3266



6.0597, 0.3173, 0.3174



6.1423, 0.4251, 0.2115



0.0807, 0.3687, 0.1805

Inverse Universe

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



26.3947, 0.3165, 0.3193



46.4726, 0.3171, 0.3177



28.3459, 0.3049, 0.3314



6.0597, 0.3173, 0.3174



6.1423, 0.4251, 0.2115



0.0807, 0.3687, 0.1805

Previews

White Background



This preview shows how the Yxy color 26.3936, 0.3165, 0.3193 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 26.3936, 0.3165, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

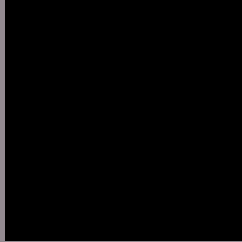
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3936, 0.3165, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 26.3936, 0.3165, 0.3193.



This preview shows how white text looks on a background with the Yxy color 26.3936, 0.3165, 0.3193.

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

26.3936, 0.3165, 0.3193

Protanopia

26.5513, 0.3099, 0.3208

Deuteranopia

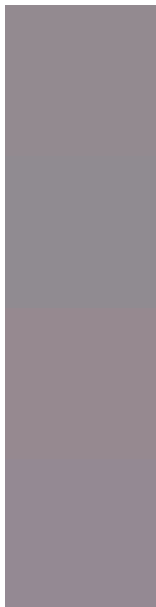
26.2973, 0.3222, 0.3163



Tritanopia

26.3253, 0.3135, 0.3114

Trichromacy



Original Color

26.3936, 0.3165, 0.3193

Protanomaly

26.4389, 0.3121, 0.3193

Deuteranomaly

26.3890, 0.3199, 0.3178

Tritanomaly

26.2938, 0.3146, 0.3130

Monochromacy



Original Color

26.3936, 0.3165, 0.3193

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.5488, 0.3140, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3936, 0.3165, 0.3193 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(147, 138, 144)` looks like.

```
.text, #text, p{  
    color:rgb(147, 138, 144)  
}
```

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(147, 138, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 138, 144) }
```

Border

The CSS property to change the border of an element to Yxy 26.3936, 0.3165, 0.3193 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(147, 138, 144) }
```

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

```
.border{ border-color:rgb(147, 138, 144) }
```

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

Here you see how a box with a 4 pixel rgb(147, 138, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 138, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 138, 144);  
box-shadow:4px 4px 4px 4px rgb(147, 138,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3936, 0.3165, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 138, 144) }
```

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

```
.background{ background-color: rgb(147,  
138, 144) }
```

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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