

Converting Colors

$Y_{xy}(27.0964, 0.3163, 0.3210)$

Have a look what the booklet for
Yxy(27.0964, 0.3163, 0.3210)
contains.

Yxy(27.0964, 0.3163, 0.3210)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.0964, 0.3163, 0.3210)

Conversions

Conversions Part 1

Format	Color
Hex	948C91
RGB	148, 140, 145
RGB Percent	58%, 55%, 57%
CMY	0.4197, 0.4509, 0.4313
CMYK	0.00, 0.05, 0.02, 0.42
HSL	322°, 4%, 56%
HSV	322°, 5%, 58%
XYZ	26.6997, 27.0964, 30.6164
YIQ	142.9620, 3.1630, 3.2510

Conversions

Conversions Part 2

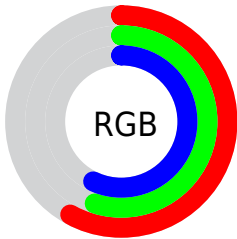
Format	Color
R_{YB}	148, 140, 145
Decimal	9735313
CIE _{Lab}	59.06, 3.91, -1.61
CIE _{LCh}	59, 4.229, 337.659
Yxy	27.0964, 0.3163, 0.3210
Android (android.graphics.Color)	4287925393 (0xFF948C91)
YUV	142.9620, 1.0047, 4.4183
Hunter-Lab	52.0542, 0.4614, 1.5657

Details

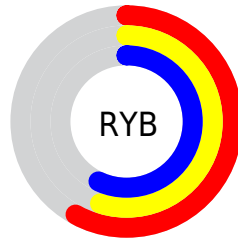
The Yxy color $27.0964, 0.3163, 0.3210$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $28.7321, 0.3093, 0.3371$, and the grayscale version is $27.4471, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.2637, 0.3154, 0.3230$, and $10.6799, 0.3165, 0.3173$ is the 20% darker color. If you saturate the color by 10%, you get $22.8937, 0.3239, 0.3056$, and if you desaturate by 10%, it is $31.8913, 0.3099, 0.3356$.

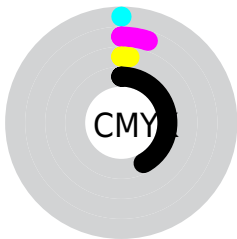
Distribution



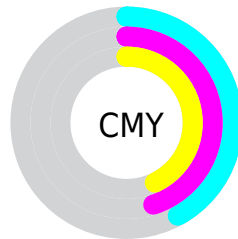
- Red (58%)
- Green (55%)
- Blue (57%)



- Red (58%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (42%)





- Cyan (42%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0964, 0.3163, 0.3210 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 27.0964, 0.3163, 0.3210 by changing the saturation by 10% instead.

 27.0964, 0.3163,
0.3210


 27.0964, 0.3163,
0.3210


288.1236, 0.3144,
0.3253


 17.6456, 0.3168,
0.3198


 55.0385, 0.3156,
0.3227

 10.6959, 0.3176,
0.3181


 74.2987, 0.3153,
0.3233

 5.8627, 0.3186,
0.3158

 97.5974, 0.3151,
0.3238

 2.7618, 0.3203,
0.3121

125.3191, 0.3149,
0.3242

 1.0087, 0.3232,
0.3056

157.8482, 0.3147,
0.3245

 0.0000, 0.0000,
0.0000

195.5690, 0.3146,

0.3248

238.8660, 0.3145,
0.3251

■ 27.0964, 0.3163,
0.3210

■ 27.0964, 0.3163,
0.3210

■ 22.8937, 0.3239,
0.3056

■ 31.8913, 0.3099,
0.3356

■ 19.2565, 0.3328,
0.2896

■ 37.2967, 0.3045,
0.3494

■ 16.1613, 0.3433,
0.2735

■ 43.3346, 0.3001,
0.3621

■ 13.5816, 0.3553,
0.2579

■ 50.0247, 0.2963,
0.3738

■ 11.4885, 0.3689,
0.2436

■ 57.3860, 0.2932,
0.3846

■ 9.8505, 0.3838,
0.2315

■ 65.4365, 0.2906,
0.3945

■ 8.6321, 0.3997,
0.2229

■ 74.1937, 0.2885,
0.4035

■ 7.7926, 0.4161,
0.2186

■ 81.4906, 0.2865,
0.4084

■ 7.2770, 0.4324,
0.2190

■ 81.7344, 0.2837,
0.4014

Harmonies

Analogous

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



27.0964, 0.3091, 0.3176



27.0964, 0.3163, 0.3210



27.0964, 0.3226, 0.3265

Triad

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



27.0964, 0.3163, 0.3210



27.0964, 0.3225, 0.3411



27.0964, 0.2994, 0.3250

Complementary

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



27.0964, 0.3163, 0.3210



28.7321, 0.3093, 0.3371

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.



27.0964, 0.3029, 0.3314



27.0964, 0.3163, 0.3210



27.0964, 0.3162, 0.3408

Square

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



27.0964, 0.3163, 0.3210



27.0964, 0.3262, 0.3381



27.0964, 0.3091, 0.3372



27.0964, 0.2995, 0.3198

Rectangle

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



27.0964, 0.3163, 0.3210



27.0964, 0.3254, 0.3307



27.0964, 0.3091, 0.3372



27.0964, 0.3002, 0.3271

Sweetspot

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



27.0976, 0.3163, 0.3210



50.5402, 0.3140, 0.3260



26.7298, 0.3079, 0.3161



11.5613, 0.3140, 0.3262



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.



27.0976, 0.3163, 0.3210



47.2476, 0.3168, 0.3199



26.9780, 0.3203, 0.3273



6.1505, 0.3170, 0.3194



6.0572, 0.4392, 0.2193



0.0799, 0.3756, 0.1843

Inverse Universe

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



27.0976, 0.3163, 0.3210



47.2476, 0.3168, 0.3199



28.8537, 0.3056, 0.3307



6.1505, 0.3170, 0.3194



6.0572, 0.4392, 0.2193



0.0799, 0.3756, 0.1843

Previews

White Background



This preview shows how the Yxy color 27.0964, 0.3163, 0.3210 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 27.0964, 0.3163, 0.3210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

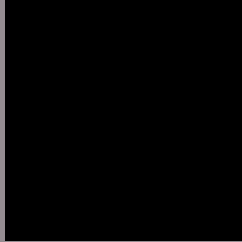
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0964, 0.3163, 0.3210

Background



This preview shows how black text looks on a background with the Yxy color 27.0964, 0.3163, 0.3210.



This preview shows how white text looks on a background with the Yxy color 27.0964, 0.3163, 0.3210.

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

27.0964, 0.3163, 0.3210

Protanopia

27.0544, 0.3110, 0.3209

Deuteranopia

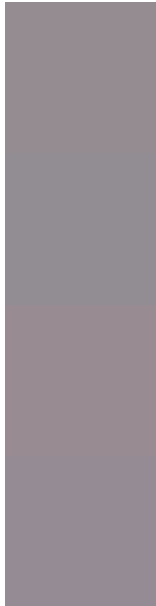
27.0913, 0.3231, 0.3180



Tritanopia

27.0568, 0.3125, 0.3116

Trichromacy



Original Color

27.0964, 0.3163, 0.3210

Protanomaly

27.1448, 0.3120, 0.3209

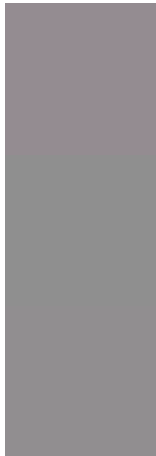
Deuteranomaly

27.1850, 0.3208, 0.3195

Tritanomaly

26.9929, 0.3145, 0.3147

Monochromacy



Original Color

27.0964, 0.3163, 0.3210

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 27.0964, 0.3163, 0.3210 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(148, 140, 145)` looks like.

```
.text, #text, p{  
    color:rgb(148, 140, 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(148, 140, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 140, 145) }
```

Border

The CSS property to change the border of an element to Yxy 27.0964, 0.3163, 0.3210 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(148, 140, 145) }
```

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

```
.border{ border-color:rgb(148, 140, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 140, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 140, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 140, 145);  
box-shadow:4px 4px 4px 4px rgb(148, 140,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0964, 0.3163, 0.3210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 140, 145) }
```

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

```
.background{ background-color: rgb(148,  
140, 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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