

Converting Colors

$Y_{xy}(28.0734, 0.3195, 0.3082)$

Have a look what the booklet for
Yxy(28.0734, 0.3195, 0.3082)
contains.

Yxy(28.0342, 0.3191, 0.3076)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.0342, 0.3191, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	9E8B99
RGB	158, 139, 153
RGB Percent	62%, 55%, 60%
CMY	0.3804, 0.4549, 0.3999
CMYK	0.00, 0.12, 0.03, 0.38
HSL	316°, 9%, 58%
HSV	316°, 12%, 62%
XYZ	29.0823, 28.0342, 34.0220
YIQ	146.2770, 6.8300, 8.3820

Conversions

Conversions Part 2

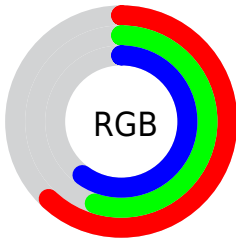
Format	Color
R_{YB}	158, 139, 153
Decimal	10390425
CIE _{Lab}	59.92, 9.69, -4.82
CIE _{LCh}	60, 10.818, 333.544
Yxy	28.0342, 0.3191, 0.3076
Android (android.graphics.Color)	4288580505 (0xFF9E8B99)
YUV	146.2770, 3.3144, 10.2811
Hunter-Lab	52.9473, 5.3866, -1.0344

Details

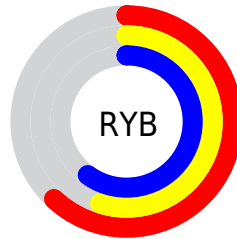
The Yxy color $28.0342, 0.3191, 0.3076$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.9527, 0.3069, 0.3514$, and the grayscale version is $28.8486, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7911, 0.3183, 0.3129$, and $11.2299, 0.3220, 0.3005$ is the 20% darker color. If you saturate the color by 10%, you get $23.6514, 0.3254, 0.2891$, and if you desaturate by 10%, it is $33.0854, 0.3137, 0.3255$.

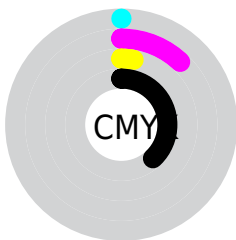
Distribution



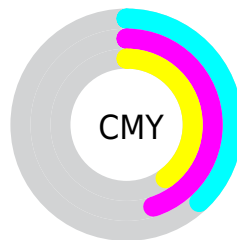
- Red (62%)
- Green (55%)
- Blue (60%)



- Red (62%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0342, 0.3191, 0.3076 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 28.0342, 0.3191, 0.3076 by changing the saturation by 10% instead.


 28.0342, 0.3191,
0.3076


 28.0342, 0.3191,
0.3076


292.6303, 0.3157,
0.3190


 18.3514, 0.3200,
0.3045


 56.5390, 0.3178,
0.3119

 11.2026, 0.3212,
0.3003


 76.1299, 0.3174,
0.3135

 6.2033, 0.3229,
0.2944


 99.7923, 0.3170,
0.3148

 2.9691, 0.3254,
0.2854

127.9105, 0.3166,
0.3159

 1.1156, 0.3296,
0.2703

160.8691, 0.3164,
0.3169

 0.0000, 0.4106,
0.0000

199.0523, 0.3161,

 0.0000, 0.0000,

0.3177

0.0000

242.8446, 0.3159,
0.3184

■ 28.0342, 0.3191,
0.3076

■ 28.0342, 0.3191,
0.3076

■ 23.6514, 0.3254,
0.2891

■ 33.0854, 0.3137,
0.3255

■ 19.9050, 0.3326,
0.2703

■ 38.8280, 0.3091,
0.3425

■ 16.7659, 0.3408,
0.2520

■ 45.2882, 0.3052,
0.3584

■ 14.2015, 0.3499,
0.2350

■ 52.4899, 0.3020,
0.3731

■ 12.1757, 0.3597,
0.2201

■ 60.4559, 0.2992,
0.3867

■ 10.6486, 0.3701,
0.2084

■ 69.2080, 0.2970,
0.3992

■ 9.5746, 0.3807,
0.2007

■ 78.7670, 0.2950,
0.4106

■ 8.8999, 0.3912,
0.1976

■ 82.3387, 0.2931,
0.4109

■ 8.5430, 0.3995,
0.1974

■ 82.5175, 0.2910,
0.4057

Harmonies

Analogous

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



28.0342, 0.3011, 0.3000



28.0342, 0.3191, 0.3076



28.0342, 0.3358, 0.3205

Triad

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



28.0342, 0.3191, 0.3076



28.0342, 0.3391, 0.3590



28.0342, 0.2802, 0.3206

Complementary

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



28.0342, 0.3191, 0.3076



31.9527, 0.3069, 0.3514

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.



28.0342, 0.2899, 0.3373



28.0342, 0.3191, 0.3076



28.0342, 0.3237, 0.3599

Square

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



28.0342, 0.3191, 0.3076



28.0342, 0.3475, 0.3499



28.0342, 0.3057, 0.3519



28.0342, 0.2790, 0.3069

Rectangle

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



28.0342, 0.3191, 0.3076



28.0342, 0.3438, 0.3307



28.0342, 0.3057, 0.3519



28.0342, 0.2826, 0.3261

Sweetspot

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



28.0354, 0.3191, 0.3076



58.0988, 0.3147, 0.3219



26.8421, 0.2991, 0.2989



12.9439, 0.3151, 0.3206



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.0354, 0.3191, 0.3076



49.0179, 0.3204, 0.3035



27.7410, 0.3287, 0.3217



6.7249, 0.3175, 0.3126



6.8498, 0.3987, 0.1970



0.1289, 0.3619, 0.1768

Inverse Universe

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



28.0354, 0.3191, 0.3076



49.0179, 0.3204, 0.3035



32.2476, 0.2988, 0.3364



6.7249, 0.3175, 0.3126



6.8498, 0.3987, 0.1970



0.1289, 0.3619, 0.1768

Previews

White Background



This preview shows how the Yxy color 28.0342, 0.3191, 0.3076 looks on a white background.

Color Contrast Check

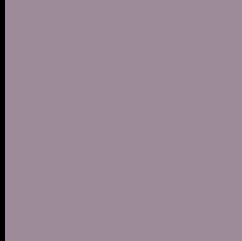
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0342, 0.3191, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

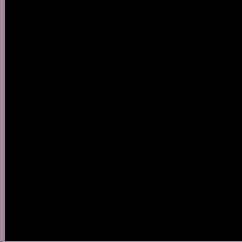
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0342, 0.3191, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 28.0342, 0.3191, 0.3076.



This preview shows how white text looks on a background with the Yxy color 28.0342, 0.3191, 0.3076.

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

28.0342, 0.3191, 0.3076

Protanopia

28.2761, 0.3012, 0.3100

Deuteranopia

28.0246, 0.3158, 0.3090



Tritanopia

27.9363, 0.3222, 0.3121

Trichromacy



Original Color

28.0342, 0.3191, 0.3076

Protanomaly

28.1021, 0.3074, 0.3087

Deuteranomaly

28.1240, 0.3169, 0.3090

Tritanomaly

27.9687, 0.3212, 0.3106

Monochromacy



Original Color

28.0342, 0.3191, 0.3076

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2989, 0.3142, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0342, 0.3191, 0.3076 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(158, 139, 153)` looks like.

```
.text, #text, p{  
    color:rgb(158, 139, 153)  
}
```

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(158, 139, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 139, 153) }
```

Border

The CSS property to change the border of an element to Yxy 28.0342, 0.3191, 0.3076 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(158, 139, 153) }
```

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

```
.border{ border-color:rgb(158, 139, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 139, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 139, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 139, 153);  
box-shadow:4px 4px 4px 4px rgb(158, 139,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0342, 0.3191, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 139, 153) }
```

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

```
.background{ background-color: rgb(158,  
139, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor