

Converting Colors

$Yxy(28.0684, 0.3019, 0.3363)$

Have a look what the booklet for
Yxy(28.0684, 0.3019, 0.3363)
contains.

Yxy(28.1495, 0.3022, 0.3373)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.1495, 0.3022, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	85948F
RGB	133, 148, 143
RGB Percent	52%, 58%, 56%
CMY	0.4784, 0.4196, 0.4393
CMYK	0.10, 0.00, 0.03, 0.42
HSL	160°, 7%, 55%
HSV	160°, 10%, 58%
XYZ	25.2202, 28.1495, 30.0857
YIQ	142.9450, -7.3350, -4.7350

Conversions

Conversions Part 2

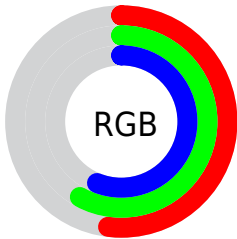
Format	Color
RYB	133, 142, 148
Decimal	8754319
CIELab	60.02, -6.39, 0.81
CIELCh	60, 6.442, 172.781
Yxy	28.1495, 0.3022, 0.3373
Android (android.graphics.Color)	4286944399 (0xFF85948F)
YUV	142.9450, 0.0271, -8.7218
Hunter-Lab	53.0561, -7.9982, 3.5187

Details

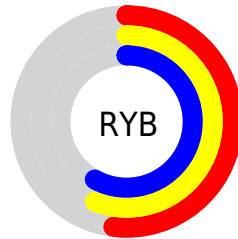
The Yxy color $28.1495, 0.3022, 0.3373$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.9079, 0.3245, 0.3209$, and the grayscale version is $27.4476, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7114, 0.3040, 0.3351$, and $11.1787, 0.2976, 0.3388$ is the 20% darker color. If you saturate the color by 10%, you get $26.8830, 0.2922, 0.3464$, and if you desaturate by 10%, it is $29.5948, 0.3126, 0.3291$.

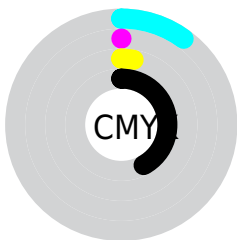
Distribution



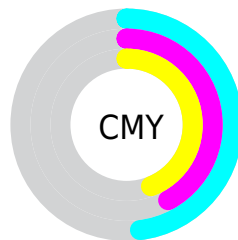
- Red (52%)
- Green (58%)
- Blue (56%)



- Red (52%)
- Yellow (56%)
- Blue (58%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 28.1495, 0.3022, 0.3373 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 28.1495, 0.3022, 0.3373 by changing the saturation by 10% instead.

■ 28.1495, 0.3022,
0.3373

■ 28.1495, 0.3022,
0.3373

■ 293.1806, 0.3079,
0.3328

■ 18.4384, 0.3006,
0.3386

■ 56.7230, 0.3044,
0.3356

■ 11.2652, 0.2984,
0.3403

■ 76.3542, 0.3052,
0.3349

■ 6.2455, 0.2953,
0.3428

■ 100.0610, 0.3058,
0.3344

■ 2.9949, 0.2905,
0.3467

■ 128.2275, 0.3064,
0.3340

■ 1.1291, 0.2819,
0.3536

■ 161.2384, 0.3068,
0.3336

■ 0.0026, 0.0000,
1.0000

■ 199.4779, 0.3073,

■ 0.0000, 0.0000,

0.3333

0.0000

243.3305, 0.3076,
0.3330

■ 28.1495, 0.3022,
0.3373

■ 28.1495, 0.3022,
0.3373

■ 26.8830, 0.2922,
0.3464

■ 29.5948, 0.3126,
0.3291

■ 25.7844, 0.2828,
0.3563

■ 31.2220, 0.3231,
0.3218

■ 24.8475, 0.2744,
0.3670

■ 33.0387, 0.3336,
0.3152

■ 24.0639, 0.2671,
0.3783

■ 35.0509, 0.3440,
0.3094

■ 23.4247, 0.2613,
0.3903

■ 37.2644, 0.3542,
0.3043

■ 22.9199, 0.2571,
0.4027

■ 39.6848, 0.3639,
0.2999

■ 22.5382, 0.2549,
0.4152

■ 42.3174, 0.3734,
0.2960

■ 22.2665, 0.2545,
0.4278

■ 45.1673, 0.3824,
0.2926

■ 22.0726, 0.2556,
0.4400

■ 46.0515, 0.3806,
0.2880

Harmonies

Analogous

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



28.1495, 0.3125, 0.3447



28.1495, 0.3022, 0.3373



28.1495, 0.2948, 0.3277

Triad

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



28.1495, 0.3022, 0.3373



28.1495, 0.3023, 0.3109



28.1495, 0.3337, 0.3389

Complementary

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



28.1495, 0.3022, 0.3373



24.9079, 0.3245, 0.3209

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.



28.1495, 0.3310, 0.3299



28.1495, 0.3022, 0.3373



28.1495, 0.3127, 0.3140

Square

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



28.1495, 0.3022, 0.3373



28.1495, 0.2949, 0.3126



28.1495, 0.3232, 0.3209



28.1495, 0.3308, 0.3455

Rectangle

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



28.1495, 0.3022, 0.3373



28.1495, 0.2924, 0.3214



28.1495, 0.3232, 0.3209



28.1495, 0.3334, 0.3361

Sweetspot

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



28.1507, 0.3022, 0.3373



51.4374, 0.3095, 0.3314



28.2995, 0.3170, 0.3539



11.6966, 0.3087, 0.3320



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.



28.1507, 0.3022, 0.3373



49.1715, 0.3001, 0.3391



27.6071, 0.2976, 0.3252



6.5296, 0.3032, 0.3365



18.8577, 0.2554, 0.4393



0.2363, 0.2397, 0.3830

Inverse Universe

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



24.9079, 0.3245, 0.3209



42.3585, 0.3272, 0.3191



25.3887, 0.3296, 0.3327



5.8455, 0.3233, 0.3216



5.5753, 0.5577, 0.2846



0.0733, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 28.1495, 0.3022, 0.3373 looks on a white background.

Color Contrast Check

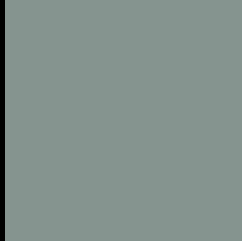
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.1495, 0.3022, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

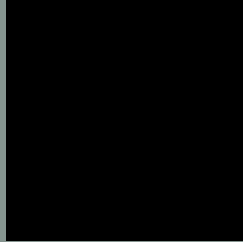
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

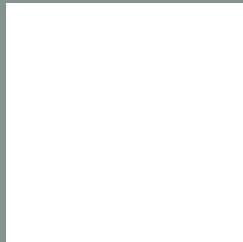
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.1495, 0.3022, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 28.1495, 0.3022, 0.3373.



This preview shows how white text looks on a background with the Yxy color 28.1495, 0.3022, 0.3373.

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

28.1495, 0.3022, 0.3373

Protanopia

28.1655, 0.3199, 0.3338

Deuteranopia

28.0696, 0.3273, 0.3213



Tritanopia

28.1430, 0.2914, 0.3112

Trichromacy



Original Color

28.1495, 0.3022, 0.3373

Protanomaly

28.0434, 0.3135, 0.3339

Deuteranomaly

28.0481, 0.3181, 0.3274

Tritanomaly

28.2028, 0.2950, 0.3208

Monochromacy



Original Color

28.1495, 0.3022, 0.3373

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.7229, 0.3084, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.1495, 0.3022, 0.3373 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(133, 148, 143)` looks like.

```
.text, #text, p{  
    color:rgb(133, 148, 143)  
}
```

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(133, 148, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 148, 143) }
```

Border

The CSS property to change the border of an element to Yxy 28.1495, 0.3022, 0.3373 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(133, 148, 143) }
```

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

```
.border{ border-color:rgb(133, 148, 143) }
```

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

Here you see how a box with a 4 pixel rgb(133, 148, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 148, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 148, 143);  
box-shadow:4px 4px 4px 4px rgb(133, 148,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 28.1495, 0.3022, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 148, 143) }
```

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

```
.background{ background-color: rgb(133,  
148, 143) }
```

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