

Converting Colors

$Y_{xy}(28.2967, 0.3283, 0.3589)$

Have a look what the booklet for
Yxy(28.2967, 0.3283, 0.3589)
contains.

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Color

Yxy(28.3552, 0.3281, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	909380
RGB	144, 147, 128
RGB Percent	56%, 58%, 50%
CMY	0.4354, 0.4235, 0.4980
CMYK	0.02, 0.00, 0.13, 0.42
HSL	70°, 8%, 54%
HSV	70°, 13%, 58%
XYZ	25.8283, 28.3552, 24.5372
YIQ	143.9370, 4.3110, -6.5450

Conversions

Conversions Part 2

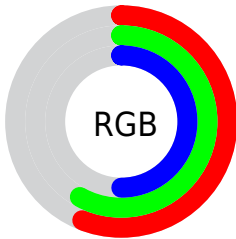
Format	Color
R_{YB}	128, 147, 131
Decimal	9474944
CIE Lab	60.21, -4.63, 9.69
CIE LCh	60, 10.733, 115.526
Yxy	28.3552, 0.3281, 0.3602
Android (android.graphics.Color)	4287665024 (0xFF909380)
YUV	143.9370, -7.8569, 0.0553
Hunter-Lab	53.2496, -6.6069, 9.9541

Details

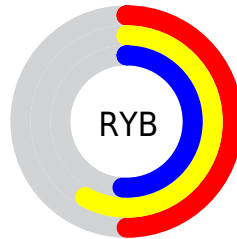
The Yxy color $28.3552, 0.3281, 0.3602$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $22.3775, 0.2962, 0.2965$, and the grayscale version is $27.8933, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1153, 0.3250, 0.3534$, and $11.4936, 0.3337, 0.3723$ is the 20% darker color. If you saturate the color by 10%, you get $27.7873, 0.3402, 0.3854$, and if you desaturate by 10%, it is $28.9861, 0.3161, 0.3359$.

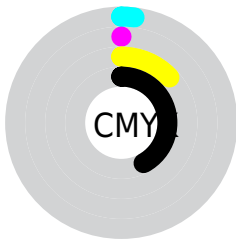
Distribution



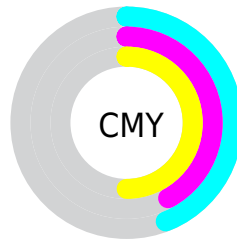
- Red (56%)
- Green (58%)
- Blue (50%)



- Red (50%)
- Yellow (58%)
- Blue (51%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (42%)





- Cyan (44%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.3552, 0.3281, 0.3602 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 28.3552, 0.3281, 0.3602 by changing the saturation by 10% instead.


 28.3552, 0.3281,
0.3602


 28.3552, 0.3281,
0.3602


294.1603, 0.3199,
0.3431

 18.5936, 0.3303,
0.3650


 57.0510, 0.3250,
0.3536

 11.3770, 0.3334,
0.3716


 76.7541, 0.3238,
0.3512

 6.3210, 0.3376,
0.3811


 100.5397, 0.3229,
0.3493

 3.0412, 0.3439,
0.3960

128.7922, 0.3221,
0.3477

 1.1533, 0.3617,
0.4314

161.8962, 0.3214,
0.3463

 0.0231, 0.0000,
1.0000

200.2359, 0.3208,

 0.0000, 0.0000,

0.3451

0.0000

244.1959, 0.3203,
0.3441

■ 28.3552, 0.3281,
0.3602

■ 28.3552, 0.3281,
0.3602

■ 27.7873, 0.3402,
0.3854

■ 28.9861, 0.3161,
0.3359

■ 27.2763, 0.3519,
0.4109

■ 29.6785, 0.3046,
0.3129

■ 26.8207, 0.3630,
0.4359

■ 30.4359, 0.2936,
0.2914

■ 26.4178, 0.3729,
0.4595

■ 31.2603, 0.2832,
0.2716

■ 26.0645, 0.3811,
0.4807

■ 32.1536, 0.2736,
0.2536

■ 25.7574, 0.3871,
0.4986

■ 33.1178, 0.2648,
0.2371

■ 25.4925, 0.3907,
0.5124

■ 34.1546, 0.2567,
0.2223

■ 25.2652, 0.3919,
0.5219

■ 35.2658, 0.2492,
0.2089

■ 25.1180, 0.3918,
0.5271

■ 36.1055, 0.2454,
0.2013

Harmonies

Analogous

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



28.3552, 0.3419, 0.3569



28.3552, 0.3281, 0.3602



28.3552, 0.3105, 0.3546

Triad

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



28.3552, 0.3281, 0.3602



28.3552, 0.2789, 0.3103



28.3552, 0.3315, 0.3168

Complementary

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



28.3552, 0.3281, 0.3602



22.3775, 0.2962, 0.2965

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.



28.3552, 0.3142, 0.3052



28.3552, 0.3281, 0.3602



28.3552, 0.2841, 0.3012

Square

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



28.3552, 0.3281, 0.3602



28.3552, 0.2824, 0.3250



28.3552, 0.2969, 0.2995



28.3552, 0.3440, 0.3317

Rectangle

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



28.3552, 0.3281, 0.3602



28.3552, 0.2990, 0.3464



28.3552, 0.2969, 0.2995



28.3552, 0.3261, 0.3125

Sweetspot

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



28.3564, 0.3281, 0.3602



51.7652, 0.3175, 0.3386



23.9582, 0.3348, 0.3338



11.7982, 0.3184, 0.3403



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.



28.3564, 0.3281, 0.3602



50.4151, 0.3322, 0.3687



27.5526, 0.3181, 0.3612



6.6982, 0.3236, 0.3510



21.7812, 0.3920, 0.5269



0.2767, 0.4062, 0.5157

Inverse Universe

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



22.3775, 0.2962, 0.2965



37.1982, 0.2913, 0.2871



23.1550, 0.3066, 0.2975



5.6749, 0.3012, 0.3063



1.9972, 0.1582, 0.0645



0.0329, 0.1887, 0.0813

Previews

White Background



This preview shows how the Yxy color 28.3552, 0.3281, 0.3602 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 28.3552, 0.3281, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

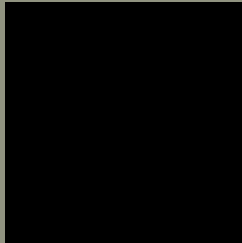
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.3552, 0.3281, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 28.3552, 0.3281, 0.3602.



This preview shows how white text looks on a background with the Yxy color 28.3552, 0.3281, 0.3602.

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

28.3552, 0.3281, 0.3602

Protanopia

28.4585, 0.3384, 0.3579

Deuteranopia

28.3405, 0.3523, 0.3460



Tritanopia

28.3074, 0.3063, 0.3102

Trichromacy



Original Color

28.3552, 0.3281, 0.3602

Protanomaly

28.4796, 0.3348, 0.3598

Deuteranomaly

28.3980, 0.3424, 0.3511

Tritanomaly

28.1939, 0.3149, 0.3274

Monochromacy



Original Color

28.3552, 0.3281, 0.3602

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0151, 0.3185, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.3552, 0.3281, 0.3602 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(144, 147, 128)` looks like.

```
.text, #text, p{  
    color:rgb(144, 147, 128)  
}
```

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(144, 147, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 147, 128) }
```

Border

The CSS property to change the border of an element to Yxy 28.3552, 0.3281, 0.3602 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(144, 147, 128) }
```

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

```
.border{ border-color:rgb(144, 147, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 147, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 147, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 147, 128);  
box-shadow:4px 4px 4px 4px rgb(144, 147,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 28.3552, 0.3281, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 147, 128) }
```

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

```
.background{ background-color: rgb(144,  
147, 128) }
```

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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