

Converting Colors

$Y_{xy}(28.4067, 0.3155, 0.3679)$

Have a look what the booklet for
Yxy(28.4067, 0.3155, 0.3679)
contains.

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Color

$Y_{xy}(28.2505, 0.3160, 0.3681)$

Conversions

Conversions Part 1

Format	Color
Hex	84967F
RGB	132, 150, 127
RGB Percent	52%, 59%, 50%
CMY	0.4823, 0.4117, 0.5021
CMYK	0.12, 0.00, 0.15, 0.41
HSL	107°, 10%, 54%
HSV	107°, 15%, 59%
XYZ	24.2520, 28.2505, 24.2443
YIQ	141.9960, -3.3450, -10.9690

Conversions

Conversions Part 2

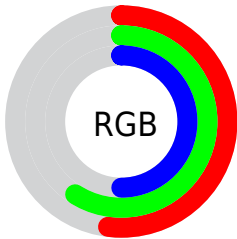
Format	Color
RYB	127, 150, 145
Decimal	8689279
CIELab	60.11, -10.95, 10.01
CIElCh	60, 14.834, 137.561
Yxy	28.2505, 0.3160, 0.3681
Android (android.graphics.Color)	4286879359 (0xFF84967F)
YUV	141.9960, -7.3930, -8.7665
Hunter-Lab	53.1512, -11.5681, 10.1614

Details

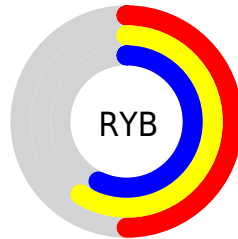
The Yxy color $28.2505, 0.3160, 0.3681$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $23.3917, 0.3087, 0.2916$, and the grayscale version is $27.0795, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.7953, 0.3151, 0.3591$, and $11.2676, 0.3161, 0.3823$ is the 20% darker color. If you saturate the color by 10%, you get $26.9966, 0.3178, 0.3970$, and if you desaturate by 10%, it is $29.6713, 0.3139, 0.3419$.

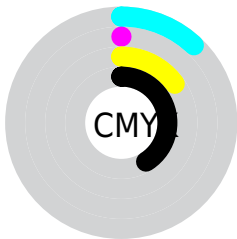
Distribution



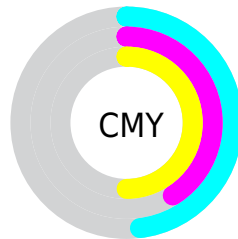
- Red (52%)
- Green (59%)
- Blue (50%)



- Red (50%)
- Yellow (59%)
- Blue (57%)



- Cyan (12%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)





- Cyan (48%)
- Magenta (41%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2505, 0.3160, 0.3681 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 28.2505, 0.3160, 0.3681 by changing the saturation by 10% instead.


 28.2505, 0.3160,
0.3681


 28.2505, 0.3160,
0.3681


293.6620, 0.3144,
0.3465


 18.5146, 0.3163,
0.3743


 56.8841, 0.3155,
0.3597

 11.3201, 0.3167,
0.3829


 76.5506, 0.3153,
0.3567

 6.2825, 0.3171,
0.3954


 100.2961, 0.3151,
0.3542

 3.0176, 0.3172,
0.4154

128.5049, 0.3149,
0.3522

 1.1409, 0.3243,
0.4643

161.5616, 0.3148,
0.3504

 0.0127, 0.0000,
1.0000

199.8503, 0.3147,

 0.0000, 0.0000,

0.3489

0.0000

243.7557, 0.3145,
0.3476

■ 28.2505, 0.3160,
0.3681

■ 28.2505, 0.3160,
0.3681

■ 26.9966, 0.3178,
0.3970

■ 29.6713, 0.3139,
0.3419

■ 25.8999, 0.3193,
0.4281

■ 31.2610, 0.3117,
0.3185

■ 24.9552, 0.3201,
0.4606

■ 33.0264, 0.3094,
0.2977

■ 24.1555, 0.3201,
0.4932

■ 34.9727, 0.3072,
0.2795

■ 23.4934, 0.3191,
0.5241

■ 37.1049, 0.3050,
0.2635

■ 22.9608, 0.3171,
0.5513

■ 39.4277, 0.3030,
0.2495

■ 22.5485, 0.3140,
0.5727

■ 41.9458, 0.3011,
0.2373

■ 22.2456, 0.3103,
0.5874

■ 44.6637, 0.2992,
0.2266

■ 22.1336, 0.3088,
0.5930

■ 47.1279, 0.3028,
0.2228

Harmonies

Analogous

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



28.2505, 0.3396, 0.3724



28.2505, 0.3160, 0.3681



28.2505, 0.2921, 0.3520

Triad

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



28.2505, 0.3160, 0.3681



28.2505, 0.2704, 0.2929



28.2505, 0.3525, 0.3268

Complementary

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



28.2505, 0.3160, 0.3681



23.3917, 0.3087, 0.2916

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.



28.2505, 0.3327, 0.3075



28.2505, 0.3160, 0.3681



28.2505, 0.2853, 0.2882

Square

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



28.2505, 0.3160, 0.3681



28.2505, 0.2664, 0.3076



28.2505, 0.3079, 0.2936



28.2505, 0.3613, 0.3474

Rectangle

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



28.2505, 0.3160, 0.3681



28.2505, 0.2792, 0.3371



28.2505, 0.3079, 0.2936



28.2505, 0.3469, 0.3200

Sweetspot

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



28.2517, 0.3160, 0.3681



52.4274, 0.3138, 0.3413



28.1542, 0.3363, 0.3576



11.5814, 0.3140, 0.3428



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.



28.2517, 0.3160, 0.3681



49.1600, 0.3166, 0.3765



28.0208, 0.3052, 0.3579



6.5259, 0.3147, 0.3516



18.3682, 0.3092, 0.5927



0.2358, 0.3359, 0.5715

Inverse Universe

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



23.3917, 0.3087, 0.2916



39.1151, 0.3078, 0.2840



23.6661, 0.3212, 0.3018



5.8460, 0.3105, 0.3070



4.9906, 0.2674, 0.1247



0.0738, 0.2946, 0.1397

Previews

White Background



This preview shows how the Yxy color 28.2505, 0.3160, 0.3681 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 28.2505, 0.3160, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

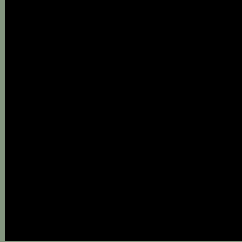
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2505, 0.3160, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 28.2505, 0.3160, 0.3681.



This preview shows how white text looks on a background with the Yxy color 28.2505, 0.3160, 0.3681.

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

28.2505, 0.3160, 0.3681

Protanopia

28.0772, 0.3417, 0.3612

Deuteranopia

27.9427, 0.3514, 0.3445



Tritanopia

28.3105, 0.2934, 0.3113

Trichromacy



Original Color

28.2505, 0.3160, 0.3681

Protanomaly

28.0582, 0.3324, 0.3635

Deuteranomaly

27.8788, 0.3378, 0.3531

Tritanomaly

28.0937, 0.3014, 0.3306

Monochromacy



Original Color

28.2505, 0.3160, 0.3681

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.4602, 0.3131, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2505, 0.3160, 0.3681 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(132, 150, 127)` looks like.

```
.text, #text, p{  
    color:rgb(132, 150, 127)  
}
```

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(132, 150, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 150, 127) }
```

Border

The CSS property to change the border of an element to Yxy 28.2505, 0.3160, 0.3681 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(132, 150, 127) }
```

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

```
.border{ border-color:rgb(132, 150, 127) }
```

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

Here you see how a box with a 4 pixel rgb(132, 150, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 150, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 150, 127);  
box-shadow:4px 4px 4px 4px rgb(132, 150,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2505, 0.3160, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 150, 127) }
```

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

```
.background{ background-color: rgb(132,  
150, 127) }
```

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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