

Converting Colors

$Y_{xy}(27.8780, 0.3594, 0.3381)$

Have a look what the booklet for
Yxy(27.8780, 0.3594, 0.3381)
contains.

Yxy(27.8780, 0.3594, 0.3381)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.8780, 0.3594, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	AB8882
RGB	171, 136, 130
RGB Percent	67%, 53%, 51%
CMY	0.3293, 0.4667, 0.4901
CMYK	0.00, 0.20, 0.24, 0.33
HSL	9°, 20%, 59%
HSV	9°, 24%, 67%
XYZ	29.6343, 27.8780, 24.9426
YIQ	145.7810, 22.7860, 5.5540

Conversions

Conversions Part 2

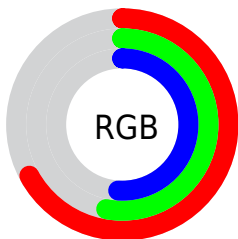
Format	Color
R_YB	171, 137, 130
Decimal	11241602
CIE _{Lab}	59.78, 12.41, 8.28
CIE _{LCh}	60, 14.920, 33.699
Yxy	27.8780, 0.3594, 0.3381
Android (android.graphics.Color)	4289431682 (0xFFAB8882)
YUV	145.7810, -7.7800, 22.1171
Hunter-Lab	52.7996, 7.7855, 8.9511

Details

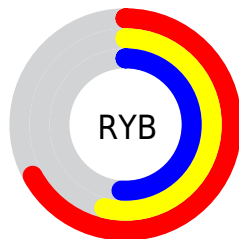
The Yxy color $27.8780, 0.3594, 0.3381$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.6200, 0.2773, 0.3197$, and the grayscale version is $28.6776, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1450, 0.3496, 0.3359$, and $11.1012, 0.3761, 0.3398$ is the 20% darker color. If you saturate the color by 10%, you get $23.6188, 0.3862, 0.3422$, and if you desaturate by 10%, it is $32.7772, 0.3372, 0.3341$.

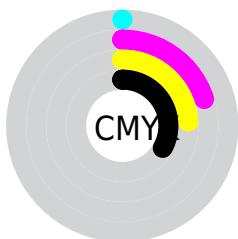
Distribution



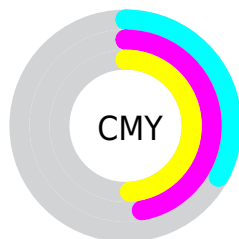
- Red (67%)
- Green (53%)
- Blue (51%)



- Red (67%)
- Yellow (54%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (24%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8780, 0.3594, 0.3381 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 27.8780, 0.3594, 0.3381 by changing the saturation by 10% instead.


 27.8780, 0.3594,
0.3381

 27.8780, 0.3594,
0.3381


291.8835, 0.3339,
0.3336


 18.2337, 0.3666,
0.3392


 56.2896, 0.3495,
0.3365

 11.1179, 0.3764,
0.3405


 75.8257, 0.3460,
0.3359

 6.1462, 0.3906,
0.3422

 99.4279, 0.3431,
0.3353

 2.9342, 0.4126,
0.3442

127.4805, 0.3407,
0.3349

 1.0975, 0.4578,
0.3506

160.3680, 0.3386,
0.3345

 0.0000, 1.0000,
0.0000

198.4747, 0.3368,

 0.0000, 0.0000,

0.3341

0.0000

242.1851, 0.3352,
0.3338

■ 27.8780, 0.3594,
0.3381

■ 27.8780, 0.3594,
0.3381

■ 23.6188, 0.3862,
0.3422

■ 32.7772, 0.3372,
0.3341

■ 19.9694, 0.4183,
0.3460

■ 38.3374, 0.3190,
0.3304

■ 16.9030, 0.4556,
0.3493

■ 44.5833, 0.3041,
0.3270

■ 14.3892, 0.4971,
0.3514

■ 51.5372, 0.2917,
0.3238

■ 12.3947, 0.5401,
0.3516

■ 59.2204, 0.2815,
0.3210

■ 10.8828, 0.5799,
0.3492

■ 67.6533, 0.2731,
0.3184

■ 9.8117, 0.6112,
0.3442

■ 76.8555, 0.2659,
0.3160

■ 9.3535, 0.6258,
0.3413

■ 86.0595, 0.2654,
0.3266

■ 87.4018, 0.2657,
0.3289

Harmonies

Analogous

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



27.8780, 0.3448, 0.3173



27.8780, 0.3594, 0.3381



27.8780, 0.3609, 0.3575

Triad

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



27.8780, 0.3594, 0.3381



27.8780, 0.3027, 0.3610



27.8780, 0.2768, 0.2887

Complementary

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



27.8780, 0.3594, 0.3381



34.6200, 0.2773, 0.3197

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.



27.8780, 0.2666, 0.2983



27.8780, 0.3594, 0.3381



27.8780, 0.2811, 0.3402

Square

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



27.8780, 0.3594, 0.3381



27.8780, 0.3275, 0.3722



27.8780, 0.2682, 0.3169



27.8780, 0.2966, 0.2895

Rectangle

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



27.8780, 0.3594, 0.3381



27.8780, 0.3543, 0.3672



27.8780, 0.2682, 0.3169



27.8780, 0.2722, 0.2907

Sweetspot

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



27.8793, 0.3594, 0.3381



65.3742, 0.3244, 0.3316



27.3680, 0.3212, 0.2779



14.4497, 0.3254, 0.3318



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



27.8793, 0.3594, 0.3381



45.5535, 0.3736, 0.3403



34.0487, 0.3528, 0.3671



8.1966, 0.3283, 0.3324



7.0975, 0.6245, 0.3424



0.2541, 0.5788, 0.3786

Inverse Universe

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



34.6200, 0.2773, 0.3197



59.8118, 0.2697, 0.3173



27.9560, 0.2747, 0.2877



8.8702, 0.2986, 0.3256



17.7942, 0.2119, 0.2829



0.5482, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 27.8780, 0.3594, 0.3381 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 27.8780, 0.3594, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

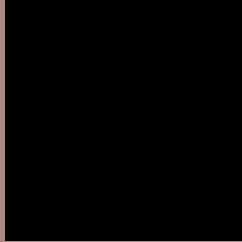
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8780, 0.3594, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 27.8780, 0.3594, 0.3381.



This preview shows how white text looks on a background with the Yxy color 27.8780, 0.3594, 0.3381.

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

27.8780, 0.3594, 0.3381

Protanopia

28.0573, 0.3281, 0.3451

Deuteranopia

27.9427, 0.3514, 0.3445



Tritanopia

27.9480, 0.3464, 0.3144

Trichromacy



Original Color

27.8780, 0.3594, 0.3381

Protanomaly

27.9113, 0.3386, 0.3417

Deuteranomaly

27.9774, 0.3552, 0.3428

Tritanomaly

27.9627, 0.3506, 0.3232

Monochromacy



Original Color

27.8780, 0.3594, 0.3381

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2080, 0.3288, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8780, 0.3594, 0.3381 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(171, 136, 130)` looks like.

```
.text, #text, p{  
    color:rgb(171, 136, 130)  
}
```

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(171, 136, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 136, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.8780, 0.3594, 0.3381 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(171, 136, 130) }
```

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

```
.border{ border-color:rgb(171, 136, 130) }
```

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

Here you see how a box with a 4 pixel rgb(171, 136, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 136, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 136, 130);  
box-shadow:4px 4px 4px 4px rgb(171, 136,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8780, 0.3594, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 136, 130) }
```

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

```
.background{ background-color: rgb(171,  
136, 130) }
```

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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