

Converting Colors

$Y_{xy}(26.8727, 0.3546, 0.3234)$

Have a look what the booklet for
Yxy(26.8727, 0.3546, 0.3234)
contains.

Yxy(26.9380, 0.3537, 0.3231)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.9380, 0.3537, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	AB8488
RGB	171, 132, 136
RGB Percent	67%, 52%, 53%
CMY	0.3295, 0.4823, 0.4666
CMYK	0.00, 0.23, 0.20, 0.33
HSL	354°, 19%, 59%
HSV	354°, 23%, 67%
XYZ	29.4892, 26.9380, 26.9463
YIQ	144.1170, 21.9600, 9.5120

Conversions

Conversions Part 2

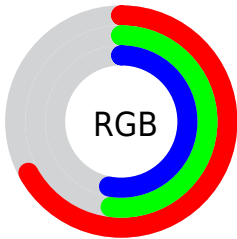
Format	Color
R_{YB}	171, 132, 136
Decimal	11240584
CIE _{Lab}	58.92, 15.57, 3.60
CIE _{LCh}	59, 15.982, 13.017
Yxy	26.9380, 0.3537, 0.3231
Android (android.graphics.Color)	4289430664 (0xFFAB8488)
YUV	144.1170, -4.0017, 23.5764
Hunter-Lab	51.9018, 10.5907, 5.5492

Details

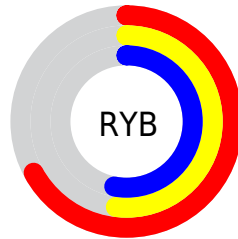
The Yxy color $26.9380, 0.3537, 0.3231$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $36.8167, 0.2826, 0.3351$, and the grayscale version is $27.9501, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7029, 0.3454, 0.3245$, and $10.5580, 0.3696, 0.3207$ is the 20% darker color. If you saturate the color by 10%, you get $22.2699, 0.3790, 0.3204$, and if you desaturate by 10%, it is $32.4311, 0.3332, 0.3258$.

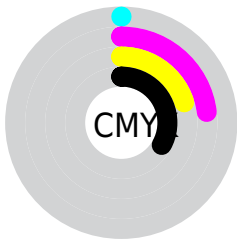
Distribution



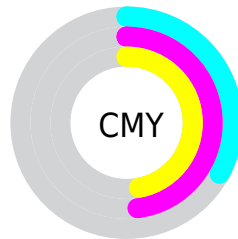
- Red (67%)
- Green (52%)
- Blue (53%)



- Red (67%)
- Yellow (52%)
- Blue (53%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (48%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9380, 0.3537, 0.3231 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 26.9380, 0.3537, 0.3231 by changing the saturation by 10% instead.


 26.9380, 0.3537,
0.3231


 26.9380, 0.3537,
0.3231


287.3568, 0.3312,
0.3266


 17.5267, 0.3601,
0.3220


 54.7844, 0.3450,
0.3245

 10.6107, 0.3688,
0.3205


 73.9882, 0.3419,
0.3250

 5.8057, 0.3814,
0.3182

 97.2249, 0.3393,
0.3254

 2.7273, 0.4013,
0.3143

124.8790, 0.3372,
0.3257

 0.9911, 0.4380,
0.3070

157.3349, 0.3354,
0.3260

 0.0000, 1.0000,
0.0000

194.9769, 0.3338,

 0.0000, 0.0000,

0.3262

0.0000

238.1894, 0.3324,
0.3264

■ 26.9380, 0.3537,
0.3231

■ 26.9380, 0.3537,
0.3231

■ 22.2699, 0.3790,
0.3204

■ 32.4311, 0.3332,
0.3258

■ 18.3834, 0.4098,
0.3178

■ 38.7823, 0.3167,
0.3283

■ 15.2369, 0.4466,
0.3156

■ 46.0277, 0.3034,
0.3307

■ 12.7833, 0.4884,
0.3144

■ 54.2000, 0.2927,
0.3328

■ 10.9702, 0.5329,
0.3145

■ 63.3304, 0.2839,
0.3347

■ 9.7377, 0.5752,
0.3165

■ 73.4484, 0.2767,
0.3365

■ 9.0144, 0.6094,
0.3204

■ 84.5826, 0.2708,
0.3381

■ 8.6991, 0.6272,
0.3229

■ 87.3967, 0.2657,
0.3289

Harmonies

Analogous

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



26.9380, 0.3306, 0.3027



26.9380, 0.3537, 0.3231



26.9380, 0.3655, 0.3456

Triad

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



26.9380, 0.3537, 0.3231



26.9380, 0.3203, 0.3736



26.9380, 0.2650, 0.2913

Complementary

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



26.9380, 0.3537, 0.3231



36.8167, 0.2826, 0.3351

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.



26.9380, 0.2627, 0.3087



26.9380, 0.3537, 0.3231



26.9380, 0.2938, 0.3576

Square

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



26.9380, 0.3537, 0.3231



26.9380, 0.3455, 0.3760



26.9380, 0.2730, 0.3331



26.9380, 0.2796, 0.2845

Rectangle

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



26.9380, 0.3537, 0.3231



26.9380, 0.3651, 0.3593



26.9380, 0.2730, 0.3331



26.9380, 0.2628, 0.2960

Sweetspot

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



26.9392, 0.3537, 0.3231



64.3532, 0.3234, 0.3273



27.5989, 0.3104, 0.2727



14.2055, 0.3244, 0.3271



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.



26.9392, 0.3537, 0.3231



44.1609, 0.3649, 0.3218



31.1747, 0.3536, 0.3513



8.0283, 0.3271, 0.3267



6.5628, 0.6257, 0.3220



0.1868, 0.5736, 0.2933

Inverse Universe

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



26.9392, 0.3537, 0.3231



44.1609, 0.3649, 0.3218



31.6382, 0.2779, 0.3056



8.0283, 0.3271, 0.3267



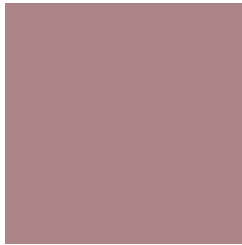
6.5628, 0.6257, 0.3220



0.1868, 0.5736, 0.2933

Previews

White Background



This preview shows how the Yxy color 26.9380, 0.3537, 0.3231 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 26.9380, 0.3537, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

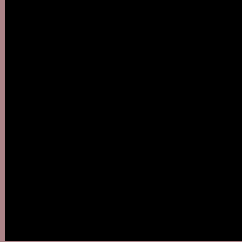
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9380, 0.3537, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 26.9380, 0.3537, 0.3231.



This preview shows how white text looks on a background with the Yxy color 26.9380, 0.3537, 0.3231.

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

26.9380, 0.3537, 0.3231

Protanopia

26.9926, 0.3170, 0.3290

Deuteranopia

26.9097, 0.3385, 0.3322



Tritanopia

26.9263, 0.3494, 0.3143

Trichromacy



Original Color

26.9380, 0.3537, 0.3231

Protanomaly

26.9111, 0.3295, 0.3275

Deuteranomaly

26.8637, 0.3447, 0.3291

Tritanomaly

26.8673, 0.3517, 0.3172

Monochromacy



Original Color

26.9380, 0.3537, 0.3231

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5493, 0.3270, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9380, 0.3537, 0.3231 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, 132, 136)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 136)  
}
```

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, 132, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 136) }
```

Border

The CSS property to change the border of an element to Yxy 26.9380, 0.3537, 0.3231 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, 132, 136) }
```

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

```
.border{ border-color:rgb(171, 132, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 132, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 136);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9380, 0.3537, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 132, 136) }
```

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

```
.background{ background-color: rgb(171,  
132, 136) }
```

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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