

Converting Colors

$Yxy(26.8344, 0.3581, 0.3279)$

Have a look what the booklet for
Yxy(26.8344, 0.3581, 0.3279)
contains.

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Color

Yxy(26.8539, 0.3572, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	AB8485
RGB	171, 132, 133
RGB Percent	67%, 52%, 52%
CMY	0.3294, 0.4823, 0.4784
CMYK	0.00, 0.23, 0.22, 0.33
HSL	358°, 19%, 59%
HSV	358°, 23%, 67%
XYZ	29.2803, 26.8539, 25.8375
YIQ	143.7750, 22.9230, 8.5790

Conversions

Conversions Part 2

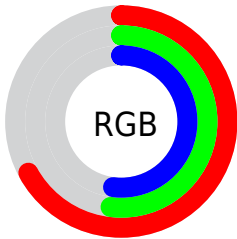
Format	Color
R_{YB}	171, 132, 133
Decimal	11240581
CIE Lab	58.84, 15.11, 5.21
CIE LCh	59, 15.980, 19.035
Yxy	26.8539, 0.3572, 0.3276
Android (android.graphics.Color)	4289430661 (0xFFAB8485)
YUV	143.7750, -5.3121, 23.8763
Hunter-Lab	51.8207, 10.1715, 6.7130

Details

The Yxy color $26.8539, 0.3572, 0.3276$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $36.9326, 0.2803, 0.3305$, and the grayscale version is $27.8105, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5740, 0.3479, 0.3280$, and $10.5262, 0.3731, 0.3249$ is the 20% darker color. If you saturate the color by 10%, you get $22.1667, 0.3848, 0.3270$, and if you desaturate by 10%, it is $32.3768, 0.3349, 0.3282$.

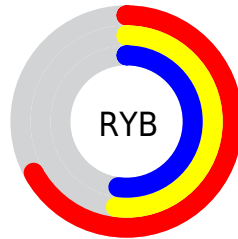
Distribution



Red (67%)

Green (52%)

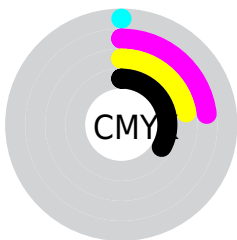
Blue (52%)



Red (67%)

Yellow (52%)

Blue (52%)

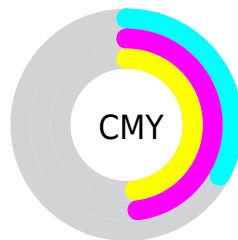


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (33%)



Cyan (33%)


Magenta (48%)


Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8539, 0.3572, 0.3276 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 26.8539, 0.3572, 0.3276 by changing the saturation by 10% instead.


 26.8539, 0.3572,
0.3276


 26.8539, 0.3572,
0.3276


286.9490, 0.3328,
0.3287


 17.4635, 0.3642,
0.3272


 54.6493, 0.3477,
0.3281

 10.5655, 0.3737,
0.3265


 73.8232, 0.3444,
0.3283

 5.7755, 0.3875,
0.3253

 97.0270, 0.3416,
0.3284

 2.7091, 0.4092,
0.3230

124.6451, 0.3392,
0.3285

 0.9818, 0.4517,
0.3199

157.0620, 0.3373,
0.3285

 0.0000, 1.0000,
0.0000

194.6620, 0.3355,

 0.0000, 0.0000,

0.3286

0.0000

237.8296, 0.3341,
0.3286

■ 26.8539, 0.3572,
0.3276

■ 26.8539, 0.3572,
0.3276

■ 22.1667, 0.3848,
0.3270

■ 32.3768, 0.3349,
0.3282

■ 18.2709, 0.4186,
0.3264

■ 38.7692, 0.3171,
0.3288

■ 15.1241, 0.4586,
0.3260

■ 46.0678, 0.3027,
0.3294

■ 12.6782, 0.5037,
0.3258

■ 54.3061, 0.2911,
0.3299

■ 10.8795, 0.5504,
0.3261

■ 63.5156, 0.2818,
0.3304

■ 9.6668, 0.5924,
0.3269

■ 73.7268, 0.2741,
0.3308

■ 8.9669, 0.6229,
0.3280

■ 84.9684, 0.2678,
0.3312

■ 8.6675, 0.6371,
0.3283

■ 87.3978, 0.2657,
0.3289

Harmonies

Analogous

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



26.8539, 0.3358, 0.3064



26.8539, 0.3572, 0.3276



26.8539, 0.3661, 0.3500

Triad

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



26.8539, 0.3572, 0.3276



26.8539, 0.3149, 0.3714



26.8539, 0.2670, 0.2890

Complementary

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



26.8539, 0.3572, 0.3276



36.9326, 0.2803, 0.3305

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.



26.8539, 0.2621, 0.3045



26.8539, 0.3572, 0.3276



26.8539, 0.2890, 0.3531

Square

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



26.8539, 0.3572, 0.3276



26.8539, 0.3410, 0.3767



26.8539, 0.2699, 0.3279



26.8539, 0.2837, 0.2845

Rectangle

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



26.8539, 0.3572, 0.3276



26.8539, 0.3637, 0.3630



26.8539, 0.2699, 0.3279



26.8539, 0.2640, 0.2930

Sweetspot

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



26.8551, 0.3572, 0.3276



64.2946, 0.3243, 0.3286



27.9561, 0.3139, 0.2733



14.1915, 0.3253, 0.3285



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.



26.8551, 0.3572, 0.3276



43.9919, 0.3694, 0.3273



32.2007, 0.3526, 0.3560



8.0186, 0.3282, 0.3285



6.5354, 0.6365, 0.3280



0.1829, 0.6213, 0.3197

Inverse Universe

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



26.8551, 0.3572, 0.3276



43.9919, 0.3694, 0.3273



30.5632, 0.2775, 0.3004



8.0186, 0.3282, 0.3285



6.5354, 0.6365, 0.3280



0.1829, 0.6213, 0.3197

Previews

White Background



This preview shows how the Yxy color 26.8539, 0.3572, 0.3276 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 26.8539, 0.3572, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

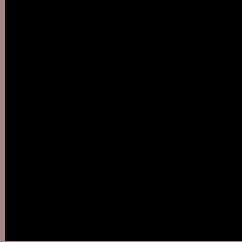
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8539, 0.3572, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 26.8539, 0.3572, 0.3276.



This preview shows how white text looks on a background with the Yxy color 26.8539, 0.3572, 0.3276.

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

26.8539, 0.3572, 0.3276

Protanopia

26.9045, 0.3201, 0.3339

Deuteranopia

26.9282, 0.3430, 0.3369



Tritanopia

26.9263, 0.3494, 0.3143

Trichromacy



Original Color

26.8539, 0.3572, 0.3276

Protanomaly

26.8246, 0.3327, 0.3322

Deuteranomaly

26.7804, 0.3481, 0.3338

Tritanomaly

26.8382, 0.3529, 0.3187

Monochromacy



Original Color

26.8539, 0.3572, 0.3276

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5196, 0.3281, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8539, 0.3572, 0.3276 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(171, 132, 133)  
}
```

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, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 132, 133) }
```

Border

The CSS property to change the border of an element to Yxy 26.8539, 0.3572, 0.3276 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, 133) }
```

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

```
.border{ border-color:rgb(171, 132, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 132, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 132, 133);  
box-shadow:4px 4px 4px 4px rgb(171, 132,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8539, 0.3572, 0.3276 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, 133) }
```

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

```
.background{ background-color: rgb(171,  
132, 133) }
```

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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