

Converting Colors

$Y_{xy}(26.9534, 0.3762, 0.3664)$

Have a look what the booklet for
Yxy(26.9534, 0.3762, 0.3664)
contains.

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Color

Yxy(26.9937, 0.3752, 0.3661)

Conversions

Conversions Part 1

Format	Color
Hex	A78870
RGB	167, 136, 112
RGB Percent	65%, 53%, 44%
CMY	0.3451, 0.4666, 0.5609
CMYK	0.00, 0.19, 0.33, 0.35
HSL	26°, 24%, 55%
HSV	26°, 33%, 65%
XYZ	27.6647, 26.9937, 19.0748
YIQ	142.5330, 26.1800, -0.8920

Conversions

Conversions Part 2

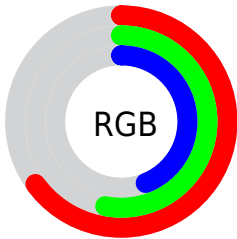
Format	Color
R_{YB}	167, 155, 112
Decimal	10979440
CIE _{Lab}	58.97, 8.22, 17.35
CIE _{LCh}	59, 19.196, 64.649
Yxy	26.9937, 0.3752, 0.3661
Android (android.graphics.Color)	4289169520 (0xFFA78870)
YUV	142.5330, -15.0528, 21.4576
Hunter-Lab	51.9555, 4.1237, 14.6013

Details

The Yxy color $26.9937, 0.3752, 0.3661$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $25.8714, 0.2618, 0.2885$, and the grayscale version is $27.3259, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7635, 0.3619, 0.3582$, and $10.6031, 0.3983, 0.3773$ is the 20% darker color. If you saturate the color by 10%, you get $24.1220, 0.4000, 0.3776$, and if you desaturate by 10%, it is $30.1696, 0.3532, 0.3544$.

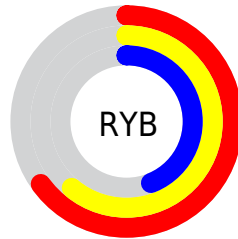
Distribution



Red (65%)

Green (53%)

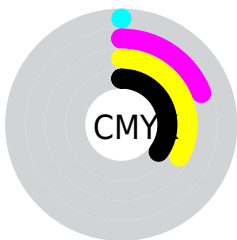
Blue (44%)



Red (65%)

Yellow (61%)

Blue (44%)

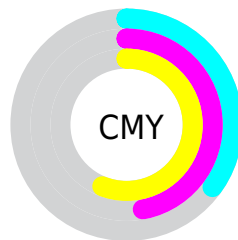


Cyan (0%)

Magenta (19%)

Yellow (33%)

Black (35%)



Cyan (35%)


Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9937, 0.3752, 0.3661 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 26.9937, 0.3752, 0.3661 by changing the saturation by 10% instead.

 26.9937, 0.3752,
0.3661


 26.9937, 0.3752,
0.3661


287.6266, 0.3410,
0.3466


 17.5685, 0.3848,
0.3712


 54.8738, 0.3620,
0.3588


 10.6406, 0.3978,
0.3779

 74.0974, 0.3573,
0.3561

 5.8257, 0.4163,
0.3867

 97.3560, 0.3534,
0.3539

 2.7394, 0.4444,
0.3987

 125.0339, 0.3501,
0.3520

 0.9972, 0.5424,
0.4576

157.5155, 0.3473,
0.3503

 0.0000, 1.0000,
0.0000

195.1852, 0.3449,

 0.0000, 0.0000,

0.3489

0.0000

238.4275, 0.3428,
0.3477

■ 26.9937, 0.3752,
0.3661

■ 26.9937, 0.3752,
0.3661

■ 24.1220, 0.4000,
0.3776

■ 30.1696, 0.3532,
0.3544

■ 21.5408, 0.4275,
0.3883

■ 33.6552, 0.3339,
0.3429

■ 19.2412, 0.4568,
0.3970

■ 37.4605, 0.3172,
0.3321

■ 17.2119, 0.4869,
0.4026

■ 41.5939, 0.3027,
0.3219

■ 15.4408, 0.5158,
0.4039

■ 46.0636, 0.2903,
0.3125

■ 13.9144, 0.5415,
0.4000

■ 50.8774, 0.2795,
0.3039

■ 12.9707, 0.5580,
0.3952

■ 56.0427, 0.2701,
0.2960

■ 61.5669, 0.2620,
0.2887

■ 66.9791, 0.2586,
0.2898

Harmonies

Analogous

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



26.9937, 0.3740, 0.3410



26.9937, 0.3752, 0.3661



26.9937, 0.3589, 0.3831

Triad

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



26.9937, 0.3752, 0.3661



26.9937, 0.2710, 0.3425



26.9937, 0.2926, 0.2787

Complementary

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



26.9937, 0.3752, 0.3661



25.8714, 0.2618, 0.2885

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.



26.9937, 0.2670, 0.2769



26.9937, 0.3752, 0.3661



26.9937, 0.2551, 0.3119

Square

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



26.9937, 0.3752, 0.3661



26.9937, 0.2984, 0.3704



26.9937, 0.2536, 0.2883



26.9937, 0.3249, 0.2922

Rectangle

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



26.9937, 0.3752, 0.3661



26.9937, 0.3409, 0.3867



26.9937, 0.2536, 0.2883



26.9937, 0.2830, 0.2766

Sweetspot

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



26.9950, 0.3752, 0.3661



62.0995, 0.3290, 0.3399



21.7874, 0.3452, 0.2817



13.6957, 0.3314, 0.3414



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.9950, 0.3752, 0.3661



44.2976, 0.3943, 0.3751



35.6988, 0.3628, 0.4046



8.0611, 0.3275, 0.3389



10.0192, 0.5564, 0.3964



0.3463, 0.5006, 0.4407

Inverse Universe

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



25.8714, 0.2618, 0.2885



41.9437, 0.2498, 0.2772



18.6429, 0.2559, 0.2402



7.9753, 0.2987, 0.3189



8.3705, 0.1839, 0.1821



0.3027, 0.1989, 0.2359

Previews

White Background



This preview shows how the Yxy color 26.9937, 0.3752, 0.3661 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 26.9937, 0.3752, 0.3661 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 26.9937, 0.3752, 0.3661

Background



This preview shows how black text looks on a background with the Yxy color 26.9937, 0.3752, 0.3661.



This preview shows how white text looks on a background with the Yxy color 26.9937, 0.3752, 0.3661.

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

26.9937, 0.3752, 0.3661

Protanopia

27.1631, 0.3506, 0.3731

Deuteranopia

26.8852, 0.3740, 0.3662



Tritanopia

27.0016, 0.3457, 0.3142

Trichromacy



Original Color

26.9937, 0.3752, 0.3661

Protanomaly

27.1392, 0.3594, 0.3706

Deuteranomaly

26.8852, 0.3740, 0.3662

Tritanomaly

26.8488, 0.3569, 0.3322

Monochromacy



Original Color

26.9937, 0.3752, 0.3661

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0975, 0.3343, 0.3419

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9937, 0.3752, 0.3661 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(167, 136, 112)` looks like.

```
.text, #text, p{  
    color:rgb(167, 136, 112)  
}
```

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(167, 136, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 136, 112) }
```

Border

The CSS property to change the border of an element to Yxy 26.9937, 0.3752, 0.3661 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(167, 136, 112) }
```

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

```
.border{ border-color:rgb(167, 136, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 136, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 136, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 136, 112);  
box-shadow:4px 4px 4px 4px rgb(167, 136,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9937, 0.3752, 0.3661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 136, 112) }
```

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

```
.background{ background-color: rgb(167,  
136, 112) }
```

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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