

Converting Colors

$Y_{xy}(26.8105, 0.3659, 0.3582)$

Have a look what the booklet for
Yxy(26.8105, 0.3659, 0.3582)
contains.

Yxy(26.7852, 0.3659, 0.3587)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(26.7852, 0.3659, 0.3587)$

Conversions

Conversions Part 1

Format	Color
Hex	A48875
RGB	164, 136, 117
RGB Percent	64%, 53%, 46%
CMY	0.3569, 0.4666, 0.5411
CMYK	0.00, 0.17, 0.29, 0.36
HSL	24°, 21%, 55%
HSV	24°, 29%, 64%
XYZ	27.3228, 26.7852, 20.5649
YIQ	142.2060, 22.7870, 0.0270

Conversions

Conversions Part 2

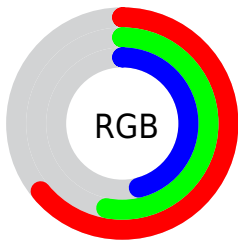
Format	Color
R_{YB}	164, 149, 117
Decimal	10782837
CIE _{Lab}	58.77, 7.68, 14.17
CIE _{LCh}	59, 16.121, 61.538
Yxy	26.7852, 0.3659, 0.3587
Android (android.graphics.Color)	4288972917 (0xFFA48875)
YUV	142.2060, -12.4266, 19.1133
Hunter-Lab	51.7544, 3.6657, 12.6688

Details

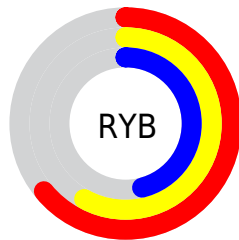
The Yxy color $26.7852, 0.3659, 0.3587$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $26.7106, 0.2689, 0.2972$, and the grayscale version is $27.1799, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.4754, 0.3552, 0.3526$, and $10.4648, 0.3845, 0.3673$ is the 20% darker color. If you saturate the color by 10%, you get $23.8066, 0.3901, 0.3696$, and if you desaturate by 10%, it is $30.0845, 0.3448, 0.3479$.

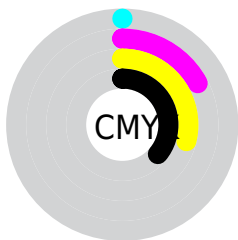
Distribution



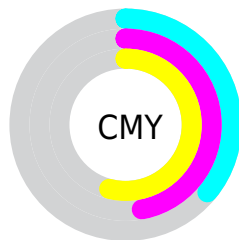
- Red (64%)
- Green (53%)
- Blue (46%)



- Red (64%)
- Yellow (58%)
- Blue (46%)



- Cyan (0%)
- Magenta (17%)
- Yellow (29%)
- Black (36%)





- Cyan (36%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7852, 0.3659, 0.3587 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 26.7852, 0.3659, 0.3587 by changing the saturation by 10% instead.


 26.7852, 0.3659,
0.3587


 26.7852, 0.3659,
0.3587


286.6156, 0.3367,
0.3430


 17.4120, 0.3742,
0.3629


 54.5390, 0.3546,
0.3528

 10.5286, 0.3854,
0.3683

 73.6883, 0.3506,
0.3506

 5.7509, 0.4016,
0.3758


 96.8652, 0.3472,
0.3488

 2.6942, 0.4265,
0.3862

124.4539, 0.3445,
0.3473

 0.9742, 0.5228,
0.4466

156.8389, 0.3421,
0.3460

 0.0000, 1.0000,
0.0000

194.4046, 0.3400,

 0.0000, 0.0000,

0.3449

0.0000

237.5354, 0.3383,
0.3439

■ 26.7852, 0.3659,
0.3587

■ 26.7852, 0.3659,
0.3587

■ 23.8066, 0.3901,
0.3696

■ 30.0845, 0.3448,
0.3479

■ 21.1350, 0.4172,
0.3799

■ 33.7107, 0.3265,
0.3375

■ 18.7606, 0.4470,
0.3888

■ 37.6740, 0.3107,
0.3277

■ 16.6721, 0.4784,
0.3952

■ 41.9834, 0.2972,
0.3186

■ 14.8569, 0.5096,
0.3978

■ 46.6473, 0.2855,
0.3102

■ 13.3014, 0.5385,
0.3957

■ 51.6740, 0.2755,
0.3026

■ 11.9865, 0.5635,
0.3890

■ 57.0714, 0.2668,
0.2956

■ 11.8236, 0.5669,
0.3881

■ 62.8471, 0.2593,
0.2892

■ 68.3745, 0.2575,
0.2934

Harmonies

Analogous

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



26.7852, 0.3632, 0.3371



26.7852, 0.3659, 0.3587



26.7852, 0.3537, 0.3737

Triad

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



26.7852, 0.3659, 0.3587



26.7852, 0.2796, 0.3431



26.7852, 0.2932, 0.2855

Complementary

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



26.7852, 0.3659, 0.3587



26.7106, 0.2689, 0.2972

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.



26.7852, 0.2723, 0.2853



26.7852, 0.3659, 0.3587



26.7852, 0.2647, 0.3174

Square

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



26.7852, 0.3659, 0.3587



26.7852, 0.3035, 0.3655



26.7852, 0.2621, 0.2965



26.7852, 0.3203, 0.2961

Rectangle

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



26.7852, 0.3659, 0.3587



26.7852, 0.3392, 0.3773



26.7852, 0.2621, 0.2965



26.7852, 0.2853, 0.2842

Sweetspot

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



26.7864, 0.3659, 0.3587



60.8416, 0.3274, 0.3380



22.6678, 0.3379, 0.2859



13.0943, 0.3298, 0.3395



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.7864, 0.3659, 0.3587



45.3194, 0.3800, 0.3652



34.0698, 0.3567, 0.3924



7.5343, 0.3275, 0.3381



9.1568, 0.5652, 0.3894



0.2839, 0.5027, 0.4390

Inverse Universe

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



26.7106, 0.2689, 0.2972



45.1537, 0.2597, 0.2895



20.3120, 0.2647, 0.2565



7.5284, 0.2987, 0.3197



8.8024, 0.1871, 0.1935



0.2742, 0.2023, 0.2482

Previews

White Background



This preview shows how the Yxy color 26.7852, 0.3659, 0.3587 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 26.7852, 0.3659, 0.3587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

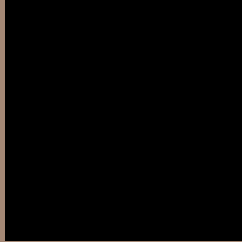
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7852, 0.3659, 0.3587

Background



This preview shows how black text looks on a background with the Yxy color 26.7852, 0.3659, 0.3587.



This preview shows how white text looks on a background with the Yxy color 26.7852, 0.3659, 0.3587.

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

26.7852, 0.3659, 0.3587

Protanopia

26.7954, 0.3434, 0.3635

Deuteranopia

26.7852, 0.3659, 0.3587



Tritanopia

26.7012, 0.3411, 0.3125

Trichromacy



Original Color

26.7852, 0.3659, 0.3587

Protanomaly

26.6672, 0.3508, 0.3614

Deuteranomaly

26.7852, 0.3659, 0.3587

Tritanomaly

26.6033, 0.3499, 0.3276

Monochromacy



Original Color

26.7852, 0.3659, 0.3587

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9337, 0.3310, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7852, 0.3659, 0.3587 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(164, 136, 117)` looks like.

```
.text, #text, p{  
    color:rgb(164, 136, 117)  
}
```

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(164, 136, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 136, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.7852, 0.3659, 0.3587 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(164, 136, 117) }
```

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

```
.border{ border-color:rgb(164, 136, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 136, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 136, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 136, 117);  
box-shadow:4px 4px 4px 4px rgb(164, 136,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7852, 0.3659, 0.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 136, 117) }
```

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

```
.background{ background-color: rgb(164,  
136, 117) }
```

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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