

Converting Colors

$Y_{xy}(24.9528, 0.3682, 0.3443)$

Have a look what the booklet for
Yxy(24.9528, 0.3682, 0.3443)
contains.

Yxy(25.0318, 0.3677, 0.3448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(25.0318, 0.3677, 0.3448)

Conversions

Conversions Part 1

Format	Color
Hex	A58177
RGB	165, 129, 119
RGB Percent	65%, 51%, 47%
CMY	0.3530, 0.4941, 0.5334
CMYK	0.00, 0.22, 0.28, 0.35
HSL	13°, 20%, 56%
HSV	13°, 28%, 65%
XYZ	26.6943, 25.0318, 20.8719
YIQ	138.6240, 24.6660, 4.5220

Conversions

Conversions Part 2

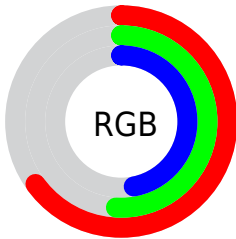
Format	Color
R_{YB}	165, 132, 119
Decimal	10846583
CIE _{Lab}	57.11, 12.32, 10.73
CIE _{LCh}	57, 16.340, 41.036
Yxy	25.0318, 0.3677, 0.3448
Android (android.graphics.Color)	4289036663 (0xFFA58177)
YUV	138.6240, -9.6746, 23.1318
Hunter-Lab	50.0318, 7.6824, 10.2880

Details

The Yxy color $25.0318, 0.3677, 0.3448$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $30.0663, 0.2714, 0.3126$, and the grayscale version is $25.6974, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7683, 0.3561, 0.3421$, and $9.6370, 0.3875, 0.3494$ is the 20% darker color. If you saturate the color by 10%, you get $21.4828, 0.3950, 0.3508$, and if you desaturate by 10%, it is $29.0812, 0.3447, 0.3389$.

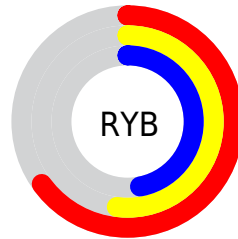
Distribution



Red (65%)

Green (51%)

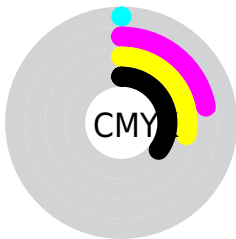
Blue (47%)



Red (65%)

Yellow (52%)

Blue (47%)

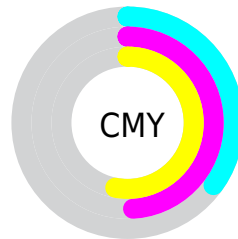


Cyan (0%)

Magenta (22%)

Yellow (28%)

Black (35%)



Cyan (35%)


Magenta (49%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0318, 0.3677, 0.3448 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 25.0318, 0.3677, 0.3448 by changing the saturation by 10% instead.


 25.0318, 0.3677,
0.3448


 25.0318, 0.3677,
0.3448


277.9963, 0.3371,
0.3367


 16.1007, 0.3765,
0.3468


 51.7088, 0.3557,
0.3418

 9.5955, 0.3887,
0.3495


 70.2236, 0.3515,
0.3407

 5.1316, 0.4066,
0.3528

 92.7017, 0.3480,
0.3398

 2.3247, 0.4350,
0.3569

119.5275, 0.3451,
0.3390

 0.7867, 0.5441,
0.4015

151.0855, 0.3427,
0.3383

 0.0000, 0.0000,
0.0000

187.7600, 0.3406,

0.3377

229.9355, 0.3387,
0.3371

■ 25.0318, 0.3677,
0.3448

■ 25.0318, 0.3677,
0.3448

■ 21.4828, 0.3950,
0.3508

■ 29.0812, 0.3447,
0.3389

■ 18.4112, 0.4270,
0.3563

■ 33.6459, 0.3255,
0.3332

■ 15.7974, 0.4634,
0.3609

■ 38.7445, 0.3096,
0.3279

■ 13.6190, 0.5029,
0.3636

■ 44.3937, 0.2963,
0.3231

■ 11.8517, 0.5427,
0.3634

■ 50.6093, 0.2852,
0.3186

■ 10.4686, 0.5788,
0.3596

■ 57.4067, 0.2759,
0.3146

■ 9.4367, 0.6074,
0.3528

■ 64.8004, 0.2680,
0.3109

■ 9.2575, 0.6130,
0.3515

■ 72.8046, 0.2613,
0.3076

■ 80.6035, 0.2613,
0.3179

Harmonies

Analogous

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



25.0318, 0.3544, 0.3212



25.0318, 0.3677, 0.3448



25.0318, 0.3654, 0.3657

Triad

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



25.0318, 0.3677, 0.3448



25.0318, 0.2946, 0.3604



25.0318, 0.2767, 0.2826

Complementary

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



25.0318, 0.3677, 0.3448



30.0663, 0.2714, 0.3126

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.



25.0318, 0.2623, 0.2904



25.0318, 0.3677, 0.3448



25.0318, 0.2723, 0.3351

Square

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



25.0318, 0.3677, 0.3448



25.0318, 0.3225, 0.3765



25.0318, 0.2607, 0.3092



25.0318, 0.3010, 0.2864

Rectangle

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



25.0318, 0.3677, 0.3448



25.0318, 0.3555, 0.3751



25.0318, 0.2607, 0.3092



25.0318, 0.2706, 0.2839

Sweetspot

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



25.0330, 0.3677, 0.3448



60.0401, 0.3260, 0.3333



23.5550, 0.3272, 0.2749



12.8553, 0.3286, 0.3341



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.



25.0330, 0.3677, 0.3448



41.0944, 0.3828, 0.3482



31.7707, 0.3586, 0.3790



7.3247, 0.3280, 0.3340



7.0676, 0.6113, 0.3528



0.2116, 0.5491, 0.4022

Inverse Universe

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



30.0663, 0.2714, 0.3126



51.5022, 0.2635, 0.3087



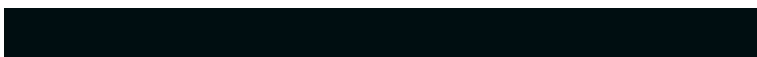
23.1443, 0.2675, 0.2734



7.7480, 0.2988, 0.3240



14.0149, 0.2052, 0.2587



0.3562, 0.2130, 0.2869

Previews

White Background



This preview shows how the Yxy color 25.0318, 0.3677, 0.3448 looks on a white background.

Color Contrast Check

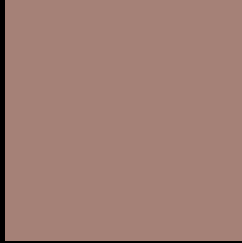
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.0318, 0.3677, 0.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

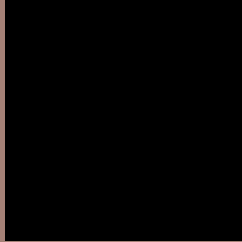
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0318, 0.3677, 0.3448

Background



This preview shows how black text looks on a background with the Yxy color 25.0318, 0.3677, 0.3448.



This preview shows how white text looks on a background with the Yxy color 25.0318, 0.3677, 0.3448.

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

25.0318, 0.3677, 0.3448

Protanopia

25.1610, 0.3343, 0.3527

Deuteranopia

24.9786, 0.3580, 0.3517



Tritanopia

24.9148, 0.3507, 0.3138

Trichromacy



Original Color

25.0318, 0.3677, 0.3448

Protanomaly

25.0346, 0.3455, 0.3488

Deuteranomaly

25.0142, 0.3620, 0.3498

Tritanomaly

24.8974, 0.3564, 0.3245

Monochromacy



Original Color

25.0318, 0.3677, 0.3448

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2898, 0.3307, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0318, 0.3677, 0.3448 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(165, 129, 119)` looks like.

```
.text, #text, p{  
    color:rgb(165, 129, 119)  
}
```

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(165, 129, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 129, 119) }
```

Border

The CSS property to change the border of an element to Yxy 25.0318, 0.3677, 0.3448 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(165, 129, 119) }
```

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

```
.border{ border-color:rgb(165, 129, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 129, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 129, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 129, 119);  
box-shadow:4px 4px 4px 4px rgb(165, 129,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0318, 0.3677, 0.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 129, 119) }
```

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

```
.background{ background-color: rgb(165,  
129, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor