

Converting Colors

$Y_{xy}(25.0250, 0.3675, 0.3402)$

Have a look what the booklet for
Yxy(25.0250, 0.3675, 0.3402)
contains.

Yxy(25.0343, 0.3681, 0.3400)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.0343, 0.3681, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	A78079
RGB	167, 128, 121
RGB Percent	65%, 50%, 47%
CMY	0.3452, 0.4980, 0.5255
CMYK	0.00, 0.23, 0.28, 0.35
HSL	9°, 21%, 56%
HSV	9°, 28%, 65%
XYZ	27.1033, 25.0343, 21.4927
YIQ	138.8630, 25.4910, 6.0910

Conversions

Conversions Part 2

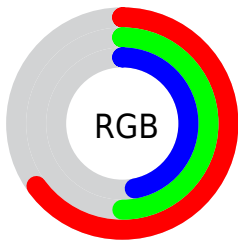
Format	Color
R_{YB}	167, 129, 121
Decimal	10977401
CIE Lab	57.11, 13.98, 9.60
CIE LCh	57, 16.957, 34.479
Yxy	25.0343, 0.3681, 0.3400
Android (android.graphics.Color)	4289167481 (0xFFA78079)
YUV	138.8630, -8.8065, 24.6761
Hunter-Lab	50.0343, 9.1325, 9.5554

Details

The Yxy color $25.0343, 0.3681, 0.3400$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $31.9841, 0.2724, 0.3177$, and the grayscale version is $25.7906, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.7529, 0.3564, 0.3385$, and $9.6504, 0.3882, 0.3425$ is the 20% darker color. If you saturate the color by 10%, you get $21.2224, 0.3965, 0.3442$, and if you desaturate by 10%, it is $29.4344, 0.3445, 0.3358$.

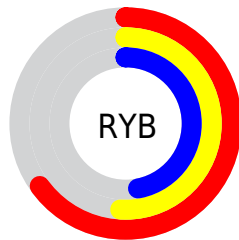
Distribution



Red (65%)

Green (50%)

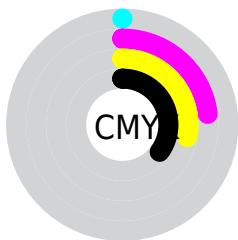
Blue (47%)



Red (65%)

Yellow (51%)

Blue (47%)

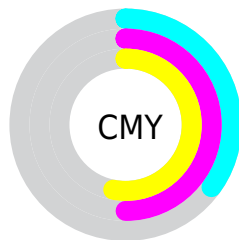


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (35%)



Cyan (35%)

Magenta (50%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.0343, 0.3681, 0.3400 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 25.0343, 0.3681, 0.3400 by changing the saturation by 10% instead.


 25.0343, 0.3681,
0.3400


 25.0343, 0.3681,
0.3400


278.0087, 0.3373,
0.3345


 16.1026, 0.3770,
0.3413


 51.7129, 0.3561,
0.3380

 9.5968, 0.3893,
0.3429


 70.2285, 0.3518,
0.3373

 5.1324, 0.4073,
0.3448

 92.7076, 0.3483,
0.3367

 2.3252, 0.4361,
0.3467

119.5346, 0.3454,
0.3361

 0.7870, 0.5339,
0.3771

151.0938, 0.3429,
0.3356

 0.0000, 1.0000,
0.0000

187.7696, 0.3408,

 0.0000, 0.0000,

0.3352

0.0000

229.9464, 0.3389,
0.3348

■ 25.0343, 0.3681,
0.3400

■ 25.0343, 0.3681,
0.3400

■ 21.2224, 0.3965,
0.3442

■ 29.4344, 0.3445,
0.3358

■ 17.9702, 0.4302,
0.3481

■ 34.4425, 0.3251,
0.3318

■ 15.2524, 0.4688,
0.3512


■ 40.0818, 0.3091,
0.3281


■ 13.0401, 0.5109,
0.3528


■ 46.3732, 0.2959,
0.3247

■ 11.3018, 0.5531,
0.3522


■ 53.3369, 0.2850,
0.3216


 10.0021, 0.5905,
0.3488


 60.9919, 0.2759,
0.3188

 9.0987, 0.6185,
0.3433

 69.3566, 0.2683,
0.3163

 8.9286, 0.6245,
0.3423

 78.4486, 0.2619,
0.3140

 86.9532, 0.2638,
0.3289

Harmonies

Analogous

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



25.0343, 0.3511, 0.3158



25.0343, 0.3681, 0.3400



25.0343, 0.3693, 0.3628

Triad

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



25.0343, 0.3681, 0.3400



25.0343, 0.3000, 0.3665



25.0343, 0.2711, 0.2816

Complementary

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



25.0343, 0.3681, 0.3400



31.9841, 0.2724, 0.3177

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.



25.0343, 0.2589, 0.2923



25.0343, 0.3681, 0.3400



25.0343, 0.2750, 0.3414

Square

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



25.0343, 0.3681, 0.3400



25.0343, 0.3292, 0.3800



25.0343, 0.2603, 0.3138



25.0343, 0.2944, 0.2831

Rectangle

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



25.0343, 0.3681, 0.3400



25.0343, 0.3612, 0.3742



25.0343, 0.2603, 0.3138



25.0343, 0.2656, 0.2838

Sweetspot

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



25.0355, 0.3681, 0.3400



61.1228, 0.3261, 0.3321



24.4290, 0.3235, 0.2714



13.3705, 0.3288, 0.3326



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.



25.0355, 0.3681, 0.3400



40.5858, 0.3847, 0.3426



31.6903, 0.3592, 0.3740



7.7202, 0.3282, 0.3325



6.8819, 0.6232, 0.3433



0.2205, 0.5736, 0.3827

Inverse Universe

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



31.9841, 0.2724, 0.3177



55.1027, 0.2642, 0.3148



24.7720, 0.2686, 0.2794



8.3342, 0.2987, 0.3255



16.8890, 0.2113, 0.2807



0.4619, 0.2162, 0.2982

Previews

White Background



This preview shows how the Yxy color 25.0343, 0.3681, 0.3400 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 25.0343, 0.3681, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

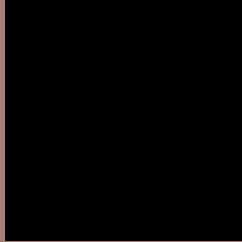
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0343, 0.3681, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 25.0343, 0.3681, 0.3400.



This preview shows how white text looks on a background with the Yxy color 25.0343, 0.3681, 0.3400.

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

25.0343, 0.3681, 0.3400

Protanopia

25.2373, 0.3310, 0.3475

Deuteranopia

25.0267, 0.3557, 0.3484



Tritanopia

25.1343, 0.3531, 0.3140

Trichromacy



Original Color

25.0343, 0.3681, 0.3400

Protanomaly

25.1808, 0.3445, 0.3454

Deuteranomaly

25.1657, 0.3609, 0.3466

Tritanomaly

25.1423, 0.3576, 0.3230

Monochromacy



Original Color

25.0343, 0.3681, 0.3400

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.3835, 0.3319, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0343, 0.3681, 0.3400 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, 128, 121)` looks like.

```
.text, #text, p{  
    color:rgb(167, 128, 121)  
}
```

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, 128, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 128, 121) }
```

Border

The CSS property to change the border of an element to Yxy 25.0343, 0.3681, 0.3400 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, 128, 121) }
```

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

```
.border{ border-color:rgb(167, 128, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 128, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 128, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 128, 121);  
box-shadow:4px 4px 4px 4px rgb(167, 128,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0343, 0.3681, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 128, 121) }
```

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

```
.background{ background-color: rgb(167,  
128, 121) }
```

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