

Converting Colors

$Y_{xy}(25.6840, 0.3595, 0.3266)$

Have a look what the booklet for
Yxy(25.6840, 0.3595, 0.3266)
contains.

Yxy(25.7472, 0.3594, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.7472, 0.3594, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A98182
RGB	169, 129, 130
RGB Percent	66%, 51%, 51%
CMY	0.3371, 0.4942, 0.4902
CMYK	0.00, 0.24, 0.23, 0.34
HSL	358°, 19%, 58%
HSV	358°, 24%, 66%
XYZ	28.2465, 25.7472, 24.5997
YIQ	141.0740, 23.5190, 8.7910

Conversions

Conversions Part 2

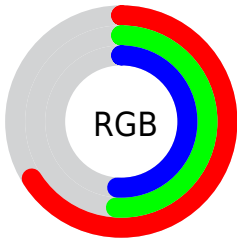
Format	Color
R_{YB}	169, 129, 130
Decimal	11108738
CIE _{Lab}	57.80, 15.58, 5.42
CIE _{LCh}	58, 16.496, 19.197
Yxy	25.7472, 0.3594, 0.3276
Android (android.graphics.Color)	4289298818 (0xFFA98182)
YUV	141.0740, -5.4595, 24.4911
Hunter-Lab	50.7417, 10.5679, 6.7752

Details

The Yxy color $25.7472, 0.3594, 0.3276$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $35.8818, 0.2792, 0.3305$, and the grayscale version is $26.6827, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8823, 0.3493, 0.3280$, and $10.0444, 0.3762, 0.3270$ is the 20% darker color. If you saturate the color by 10%, you get $21.2503, 0.3875, 0.3270$, and if you desaturate by 10%, it is $31.0539, 0.3367, 0.3282$.

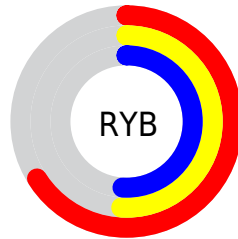
Distribution



Red (66%)

Green (51%)

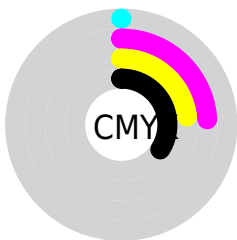
Blue (51%)



Red (66%)

Yellow (51%)

Blue (51%)

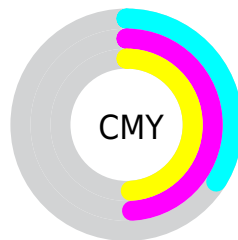


Cyan (0%)

Magenta (24%)

Yellow (23%)

Black (34%)



Cyan (34%)

Magenta (49%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.7472, 0.3594, 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 25.7472, 0.3594, 0.3276 by changing the saturation by 10% instead.


 25.7472, 0.3594,
0.3276

 25.7472, 0.3594,
0.3276


281.5389, 0.3336,
0.3287


 16.6346, 0.3668,
0.3271


 52.8668, 0.3493,
0.3281

 9.9743, 0.3770,
0.3264


 71.6427, 0.3458,
0.3283

 5.3819, 0.3919,
0.3251


 94.4084, 0.3428,
0.3284

 2.4731, 0.4157,
0.3224

121.5484, 0.3404,
0.3285

 0.8631, 0.4683,
0.3223

153.4470, 0.3383,
0.3286

 0.0000, 1.0000,
0.0000

190.4887, 0.3365,

 0.0000, 0.0000,


0.3286

0.0000


233.0579, 0.3350,
0.3287


 25.7472, 0.3594,
0.3276


 25.7472, 0.3594,
0.3276


 21.2503, 0.3875,
0.3270


 31.0539, 0.3367,
0.3282


 17.5202, 0.4218,
0.3265


 37.2037, 0.3185,
0.3288


 14.5150, 0.4624,
0.3261

 44.2324, 0.3039,
0.3293

 12.1877, 0.5078,
0.3260

 52.1726, 0.2921,
0.3298

 10.4857, 0.5543,
0.3263

 61.0553, 0.2825,
0.3303

■ 9.3485, 0.5955,
0.3270

■ 70.9100, 0.2747,
0.3307

■ 8.7038, 0.6248,
0.3282

■ 81.7649, 0.2683,
0.3311

■ 8.4477, 0.6371,
0.3283

■ 87.1784, 0.2647,
0.3289

Harmonies

Analogous

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



25.7472, 0.3370, 0.3055



25.7472, 0.3594, 0.3276



25.7472, 0.3687, 0.3510

Triad

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



25.7472, 0.3594, 0.3276



25.7472, 0.3148, 0.3734



25.7472, 0.2650, 0.2871

Complementary

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



25.7472, 0.3594, 0.3276



35.8818, 0.2792, 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.



25.7472, 0.2598, 0.3031



25.7472, 0.3594, 0.3276



25.7472, 0.2877, 0.3541

Square

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



25.7472, 0.3594, 0.3276



25.7472, 0.3421, 0.3790



25.7472, 0.2679, 0.3277



25.7472, 0.2825, 0.2825

Rectangle

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



25.7472, 0.3594, 0.3276



25.7472, 0.3660, 0.3646



25.7472, 0.2679, 0.3277



25.7472, 0.2618, 0.2912

Sweetspot

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



25.7484, 0.3594, 0.3276



62.6439, 0.3243, 0.3286



26.8555, 0.3140, 0.2711



13.5178, 0.3253, 0.3286



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.



25.7484, 0.3594, 0.3276



42.0435, 0.3722, 0.3273



31.1016, 0.3544, 0.3570



7.5453, 0.3282, 0.3285



6.2947, 0.6366, 0.3281



0.1541, 0.6210, 0.3195

Inverse Universe

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



25.7484, 0.3594, 0.3276



42.0435, 0.3722, 0.3273



29.4554, 0.2761, 0.2992



7.5453, 0.3282, 0.3285



6.2947, 0.6366, 0.3281



0.1541, 0.6210, 0.3195

Previews

White Background



This preview shows how the Yxy color 25.7472, 0.3594, 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 25.7472, 0.3594, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

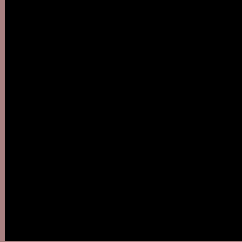
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7472, 0.3594, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 25.7472, 0.3594, 0.3276.



This preview shows how white text looks on a background with the Yxy color 25.7472, 0.3594, 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

25.7472, 0.3594, 0.3276

Protanopia

25.6770, 0.3202, 0.3340

Deuteranopia

25.7031, 0.3436, 0.3371



Tritanopia

25.8194, 0.3513, 0.3141

Trichromacy



Original Color

25.7472, 0.3594, 0.3276

Protanomaly

25.6968, 0.3342, 0.3323

Deuteranomaly

25.6646, 0.3500, 0.3338

Tritanomaly

25.7337, 0.3549, 0.3186

Monochromacy



Original Color

25.7472, 0.3594, 0.3276

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.2768, 0.3284, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7472, 0.3594, 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(169, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(169, 129, 130)  
}
```

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(169, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 129, 130) }
```

Border

The CSS property to change the border of an element to Yxy 25.7472, 0.3594, 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(169, 129, 130) }
```

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

```
.border{ border-color:rgb(169, 129, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 129, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 129, 130);  
box-shadow:4px 4px 4px 4px rgb(169, 129,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7472, 0.3594, 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(169, 129, 130) }
```

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

```
.background{ background-color: rgb(169,  
129, 130) }
```

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