

Converting Colors

$Y_{xy}(25.6088, 0.3622, 0.3348)$

Have a look what the booklet for
Yxy(25.6088, 0.3622, 0.3348)
contains.

Yxy(25.6871, 0.3614, 0.3353)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(25.6871, 0.3614, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	A7827E
RGB	167, 130, 126
RGB Percent	65%, 51%, 49%
CMY	0.3450, 0.4902, 0.5059
CMYK	0.00, 0.22, 0.25, 0.35
HSL	6°, 19%, 57%
HSV	6°, 25%, 65%
XYZ	27.6866, 25.6871, 23.2356
YIQ	140.6070, 23.3360, 6.6000

Conversions

Conversions Part 2

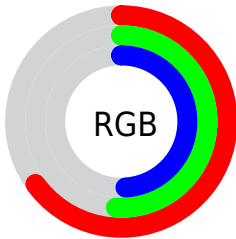
Format	Color
R_{YB}	167, 130, 126
Decimal	10977918
CIE _{Lab}	57.74, 13.61, 7.62
CIE _{LCh}	58, 15.595, 29.247
Yxy	25.6871, 0.3614, 0.3353
Android (android.graphics.Color)	4289167998 (0xFFA7827E)
YUV	140.6070, -7.2013, 23.1467
Hunter-Lab	50.6824, 8.8160, 8.2959

Details

The Yxy color $25.6871, 0.3614, 0.3353$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $33.4234, 0.2768, 0.3226$, and the grayscale version is $26.4969, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.8096, 0.3508, 0.3338$, and $9.9981, 0.3794, 0.3380$ is the 20% darker color. If you saturate the color by 10%, you get $21.5726, 0.3892, 0.3380$, and if you desaturate by 10%, it is $30.4632, 0.3386, 0.3326$.

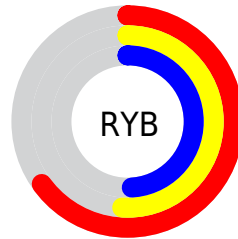
Distribution



Red (65%)

Green (51%)

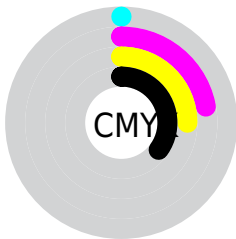
Blue (49%)



Red (65%)

Yellow (51%)

Blue (49%)

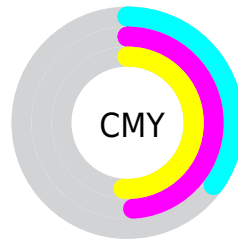


Cyan (0%)

Magenta (22%)

Yellow (25%)

Black (35%)



Cyan (35%)


Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.6871, 0.3614, 0.3353 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 25.6871, 0.3614, 0.3353 by changing the saturation by 10% instead.


 25.6871, 0.3614,
0.3353


 25.6871, 0.3614,
0.3353


281.2427, 0.3344,
0.3323


 16.5897, 0.3692,
0.3360


 52.7697, 0.3509,
0.3343

 9.9424, 0.3798,
0.3367


 71.5238, 0.3472,
0.3338

 5.3608, 0.3954,
0.3376

 94.2654, 0.3441,
0.3335

 2.4605, 0.4203,
0.3381

121.3792, 0.3415,
0.3332

 0.8567, 0.4852,
0.3509

153.2494, 0.3394,
0.3329

 0.0000, 1.0000,
0.0000

190.2604, 0.3375,

 0.0000, 0.0000,

0.3327

0.0000

232.7967, 0.3359,
0.3325

■ 25.6871, 0.3614,
0.3353

■ 25.6871, 0.3614,
0.3353

■ 21.5726, 0.3892,
0.3380

■ 30.4632, 0.3386,
0.3326

■ 18.0871, 0.4226,
0.3406

■ 35.9246, 0.3200,
0.3301

■ 15.2007, 0.4616,
0.3428

■ 42.0981, 0.3049,
0.3278

■ 12.8795, 0.5050,
0.3440

■ 49.0080, 0.2925,
0.3256

■ 11.0864, 0.5494,
0.3438

■ 56.6776, 0.2823,
0.3237

■ 9.7796, 0.5896,
0.3418

■ 65.1289, 0.2739,
0.3220

■ 8.9110, 0.6194,
0.3381

■ 74.3834, 0.2669,
0.3204

■ 8.5966, 0.6316,
0.3367

■ 84.1611, 0.2631,
0.3240

■ 86.9569, 0.2638,
0.3289

Harmonies

Analogous

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



25.6871, 0.3438, 0.3133



25.6871, 0.3614, 0.3353



25.6871, 0.3652, 0.3567

Triad

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



25.6871, 0.3614, 0.3353



25.6871, 0.3057, 0.3661



25.6871, 0.2719, 0.2866

Complementary

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



25.6871, 0.3614, 0.3353



33.4234, 0.2768, 0.3226

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.



25.6871, 0.2628, 0.2984



25.6871, 0.3614, 0.3353



25.6871, 0.2817, 0.3447

Square

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



25.6871, 0.3614, 0.3353



25.6871, 0.3324, 0.3761



25.6871, 0.2663, 0.3195



25.6871, 0.2918, 0.2859

Rectangle

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



25.6871, 0.3614, 0.3353



25.6871, 0.3594, 0.3680



25.6871, 0.2663, 0.3195



25.6871, 0.2675, 0.2893

Sweetspot

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



25.6883, 0.3614, 0.3353



61.6973, 0.3244, 0.3307



25.8032, 0.3192, 0.2739



13.6804, 0.3254, 0.3309



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.



25.6883, 0.3614, 0.3353



42.1945, 0.3745, 0.3367



31.5111, 0.3545, 0.3651



7.6558, 0.3283, 0.3313



6.6126, 0.6306, 0.3375



0.1962, 0.5943, 0.3663

Inverse Universe

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



33.4234, 0.2768, 0.3226



58.2531, 0.2701, 0.3212



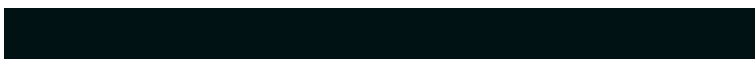
26.8966, 0.2741, 0.2901



8.4050, 0.2987, 0.3267



19.0368, 0.2163, 0.2986



0.4979, 0.2193, 0.3095

Previews

White Background



This preview shows how the Yxy color 25.6871, 0.3614, 0.3353 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 25.6871, 0.3614, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

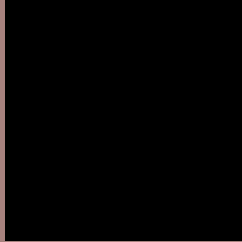
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6871, 0.3614, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 25.6871, 0.3614, 0.3353.



This preview shows how white text looks on a background with the Yxy color 25.6871, 0.3614, 0.3353.

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

25.6871, 0.3614, 0.3353

Protanopia

25.6283, 0.3266, 0.3424

Deuteranopia

25.6990, 0.3493, 0.3435



Tritanopia

25.5982, 0.3490, 0.3139

Trichromacy



Original Color

25.6871, 0.3614, 0.3353

Protanomaly

25.5883, 0.3386, 0.3388

Deuteranomaly

25.8328, 0.3543, 0.3417

Tritanomaly

25.7466, 0.3534, 0.3215

Monochromacy



Original Color

25.6871, 0.3614, 0.3353

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.1529, 0.3283, 0.3307

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6871, 0.3614, 0.3353 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, 130, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 130, 126)  
}
```

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, 130, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 130, 126) }
```

Border

The CSS property to change the border of an element to Yxy 25.6871, 0.3614, 0.3353 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, 130, 126) }
```

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

```
.border{ border-color:rgb(167, 130, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 130, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 130, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 130, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 130,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6871, 0.3614, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 130, 126) }
```

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

```
.background{ background-color: rgb(167,  
130, 126) }
```

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