

Converting Colors

$Y_{xy}(26.7986, 0.3652, 0.3631)$

Have a look what the booklet for
Yxy(26.7986, 0.3652, 0.3631)
contains.

Yxy(26.8105, 0.3654, 0.3637)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.8105, 0.3654, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	A28973
RGB	162, 137, 115
RGB Percent	64%, 54%, 45%
CMY	0.3648, 0.4627, 0.5491
CMYK	0.00, 0.15, 0.29, 0.36
HSL	28°, 20%, 54%
HSV	28°, 29%, 64%
XYZ	26.9358, 26.8105, 19.9697
YIQ	141.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

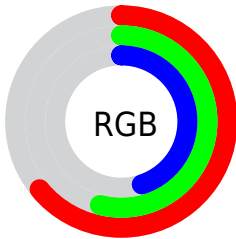
Format	Color
R_{YB}	162, 156, 115
Decimal	10652019
CIE _{Lab}	58.80, 6.02, 15.33
CIE _{LCh}	59, 16.469, 68.575
Yxy	26.8105, 0.3654, 0.3637
Android (android.graphics.Color)	4288842099 (0xFFA28973)
YUV	141.9670, -13.2947, 17.5689
Hunter-Lab	51.7789, 2.2443, 13.3787

Details

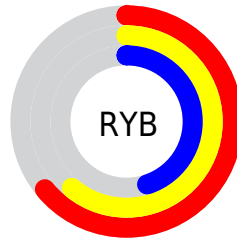
The Yxy color $26.8105, 0.3654, 0.3637$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $24.9911, 0.2678, 0.2915$, and the grayscale version is $27.0828, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3686, 0.3539, 0.3563$, and $10.5366, 0.3854, 0.3742$ is the 20% darker color. If you saturate the color by 10%, you get $24.1214, 0.3885, 0.3762$, and if you desaturate by 10%, it is $29.7627, 0.3449, 0.3513$.

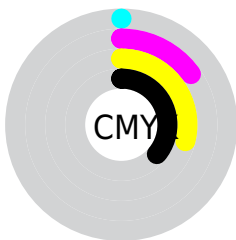
Distribution



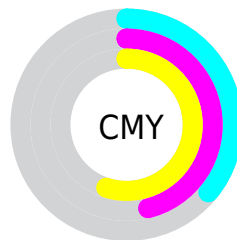
- Red (64%)
- Green (54%)
- Blue (45%)



- Red (64%)
- Yellow (61%)
- Blue (45%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (36%)





- Cyan (36%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8105, 0.3654, 0.3637 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 26.8105, 0.3654, 0.3637 by changing the saturation by 10% instead.


 26.8105, 0.3654,
0.3637


 26.8105, 0.3654,
0.3637


286.7384, 0.3365,
0.3452


 17.4310, 0.3735,
0.3687


 54.5796, 0.3542,
0.3567

 10.5422, 0.3846,
0.3752


 73.7380, 0.3503,
0.3542

 5.7599, 0.4004,
0.3842

 96.9248, 0.3470,
0.3521

 2.6997, 0.4246,
0.3970

124.5243, 0.3442,
0.3503

 0.9770, 0.5283,
0.4717

156.9211, 0.3419,
0.3487

 0.0000, 1.0000,
0.0000

194.4994, 0.3398,

 0.0000, 0.0000,

0.3474

0.0000

237.6437, 0.3381,
0.3462

■ 26.8105, 0.3654,
0.3637

■ 26.8105, 0.3654,
0.3637

■ 24.1214, 0.3885,
0.3762

■ 29.7627, 0.3449,
0.3513

■ 21.6837, 0.4140,
0.3880

■ 32.9817, 0.3269,
0.3393

■ 19.4903, 0.4414,
0.3984

■ 36.4762, 0.3113,
0.3279

■ 17.5320, 0.4699,
0.4061

■ 40.2529, 0.2976,
0.3173

■ 15.7992, 0.4979,
0.4100

■ 44.3185, 0.2858,
0.3076

■ 14.2810, 0.5236,
0.4090

■ 48.6794, 0.2755,
0.2986

■ 12.9608, 0.5461,
0.4034

■ 53.3418, 0.2666,
0.2904

■ 12.8394, 0.5483,
0.4028

■ 58.3116, 0.2588,
0.2829

■ 63.2180, 0.2548,
0.2821

Harmonies

Analogous

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



26.8105, 0.3664, 0.3427



26.8105, 0.3654, 0.3637



26.8105, 0.3499, 0.3766

Triad

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



26.8105, 0.3654, 0.3637



26.8105, 0.2743, 0.3372



26.8105, 0.2990, 0.2863

Complementary

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



26.8105, 0.3654, 0.3637



24.9911, 0.2678, 0.2915

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.



26.8105, 0.2756, 0.2835



26.8105, 0.3654, 0.3637



26.8105, 0.2619, 0.3114

Square

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



26.8105, 0.3654, 0.3637



26.8105, 0.2970, 0.3617



26.8105, 0.2624, 0.2921



26.8105, 0.3270, 0.2993

Rectangle

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



26.8105, 0.3654, 0.3637



26.8105, 0.3337, 0.3781



26.8105, 0.2624, 0.2921



26.8105, 0.2903, 0.2841

Sweetspot

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



26.8117, 0.3654, 0.3637



59.7994, 0.3272, 0.3394



21.8313, 0.3422, 0.2900



13.2408, 0.3296, 0.3411



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.



26.8117, 0.3654, 0.3637



45.3882, 0.3805, 0.3720



34.1996, 0.3560, 0.3975



7.6079, 0.3274, 0.3396



10.2035, 0.5469, 0.4039



0.3088, 0.4904, 0.4488

Inverse Universe

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



24.9911, 0.2678, 0.2915



41.5152, 0.2573, 0.2814



18.8694, 0.2634, 0.2498



7.4536, 0.2987, 0.3182



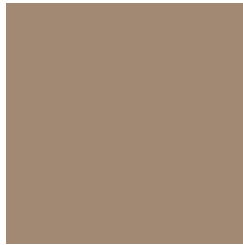
7.3915, 0.1809, 0.1713



0.2490, 0.1984, 0.2343

Previews

White Background



This preview shows how the Yxy color 26.8105, 0.3654, 0.3637 looks on a white background.

Color Contrast Check

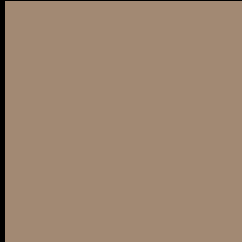
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8105, 0.3654, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

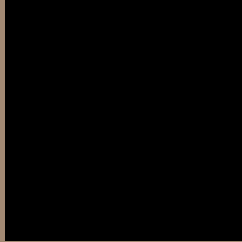
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8105, 0.3654, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 26.8105, 0.3654, 0.3637.



This preview shows how white text looks on a background with the Yxy color 26.8105, 0.3654, 0.3637.

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

26.8105, 0.3654, 0.3637

Protanopia

26.8181, 0.3477, 0.3684

Deuteranopia

26.7386, 0.3682, 0.3619



Tritanopia

26.7576, 0.3386, 0.3139

Trichromacy



Original Color

26.8105, 0.3654, 0.3637

Protanomaly

26.8871, 0.3537, 0.3678

Deuteranomaly

26.6327, 0.3670, 0.3620

Tritanomaly

26.6362, 0.3484, 0.3307

Monochromacy



Original Color

26.8105, 0.3654, 0.3637

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.8117, 0.3309, 0.3420

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8105, 0.3654, 0.3637 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(162, 137, 115)` looks like.

```
.text, #text, p{  
    color:rgb(162, 137, 115)  
}
```

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(162, 137, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 137, 115) }
```

Border

The CSS property to change the border of an element to Yxy 26.8105, 0.3654, 0.3637 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(162, 137, 115) }
```

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

```
.border{ border-color:rgb(162, 137, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 137, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 137, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 137, 115);  
box-shadow:4px 4px 4px 4px rgb(162, 137,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8105, 0.3654, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 137, 115) }
```

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

```
.background{ background-color: rgb(162,  
137, 115) }
```

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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