

Converting Colors

$Y_{xy}(28.0126, 0.3660, 0.3597)$

Have a look what the booklet for
Yxy(28.0126, 0.3660, 0.3597)
contains.

Yxy(28.0126, 0.3660, 0.3597)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(28.0126, 0.3660, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	A78B77
RGB	167, 139, 119
RGB Percent	65%, 55%, 47%
CMY	0.3450, 0.4549, 0.5333
CMYK	0.00, 0.17, 0.29, 0.35
HSL	25°, 21%, 56%
HSV	25°, 29%, 65%
XYZ	28.5032, 28.0126, 21.3618
YIQ	145.0920, 23.1080, -0.2840

Conversions

Conversions Part 2

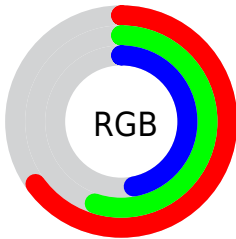
Format	Color
R_{YB}	167, 153, 119
Decimal	10980215
CIE _{Lab}	59.90, 7.52, 14.65
CIE _{LCh}	60, 16.466, 62.832
Yxy	28.0126, 0.3660, 0.3597
Android (android.graphics.Color)	4289170295 (0xFFA78B77)
YUV	145.0920, -12.8634, 19.2133
Hunter-Lab	52.9269, 3.5071, 13.1188

Details

The Yxy color $28.0126, 0.3660, 0.3597$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $27.5957, 0.2685, 0.2961$, and the grayscale version is $28.4027, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.3275, 0.3553, 0.3534$, and $11.1771, 0.3841, 0.3685$ is the 20% darker color. If you saturate the color by 10%, you get $24.9480, 0.3900, 0.3709$, and if you desaturate by 10%, it is $31.4022, 0.3449, 0.3486$.

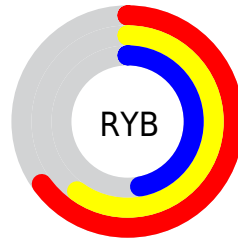
Distribution



Red (65%)

Green (55%)

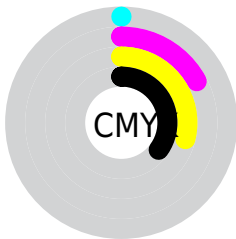
Blue (47%)



Red (65%)

Yellow (60%)

Blue (47%)

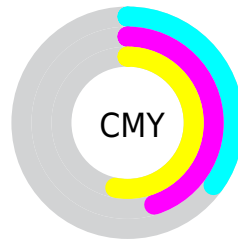


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (35%)



Cyan (35%)


Magenta (45%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0126, 0.3660, 0.3597 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 28.0126, 0.3660, 0.3597 by changing the saturation by 10% instead.


 28.0126, 0.3660,
0.3597


 28.0126, 0.3660,
0.3597


292.5271, 0.3369,
0.3436


 18.3352, 0.3741,
0.3640


 56.5046, 0.3548,
0.3537

 11.1909, 0.3851,
0.3695


 76.0879, 0.3508,
0.3514

 6.1954, 0.4008,
0.3770

 99.7419, 0.3475,
0.3496

 2.9642, 0.4247,
0.3876

127.8511, 0.3447,
0.3480

 1.1131, 0.5008,
0.4333

160.7998, 0.3423,
0.3467

 0.0000, 1.0000,
0.0000

198.9725, 0.3403,

 0.0000, 0.0000,


0.3455

0.0000


242.7534, 0.3385,
0.3445


 28.0126, 0.3660,
0.3597


 28.0126, 0.3660,
0.3597


 24.9480, 0.3900,
0.3709

 31.4022, 0.3449,
0.3486

 22.1944, 0.4170,
0.3815


 35.1228, 0.3266,
0.3379


 19.7421, 0.4464,
0.3906

 39.1848, 0.3109,
0.3278

 17.5797, 0.4773,
0.3972

 43.5973, 0.2973,
0.3184

 15.6944, 0.5080,
0.4000

 48.3686, 0.2856,
0.3097

■ 14.0727, 0.5363,
0.3980

■ 53.5071, 0.2755,
0.3018

■ 12.6950, 0.5608,
0.3914

■ 59.0207, 0.2668,
0.2946

■ 12.5369, 0.5638,
0.3905

■ 64.9171, 0.2592,
0.2880

■ 70.2457, 0.2595,
0.2969

Harmonies

Analogous

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



28.0126, 0.3639, 0.3382



28.0126, 0.3660, 0.3597



28.0126, 0.3532, 0.3744

Triad

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



28.0126, 0.3660, 0.3597



28.0126, 0.2785, 0.3421



28.0126, 0.2942, 0.2855

Complementary

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



28.0126, 0.3660, 0.3597



27.5957, 0.2685, 0.2961

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.



28.0126, 0.2728, 0.2848



28.0126, 0.3660, 0.3597



28.0126, 0.2640, 0.3162

Square

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



28.0126, 0.3660, 0.3597



28.0126, 0.3023, 0.3649



28.0126, 0.2620, 0.2956



28.0126, 0.3215, 0.2966

Rectangle

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



28.0126, 0.3660, 0.3597



28.0126, 0.3383, 0.3776



28.0126, 0.2620, 0.2956



28.0126, 0.2861, 0.2841

Sweetspot

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



28.0139, 0.3660, 0.3597



62.5910, 0.3274, 0.3383



23.5479, 0.3381, 0.2856



13.7893, 0.3298, 0.3398



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.



28.0139, 0.3660, 0.3597



46.8632, 0.3797, 0.3663



35.4700, 0.3569, 0.3928



8.0361, 0.3276, 0.3384



9.6828, 0.5622, 0.3918



0.3372, 0.5045, 0.4376

Inverse Universe

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



27.5957, 0.2685, 0.2961



45.9939, 0.2595, 0.2882



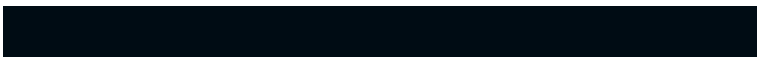
21.0832, 0.2644, 0.2560



8.0008, 0.2987, 0.3194



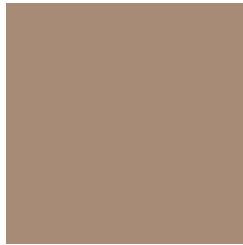
8.8470, 0.1859, 0.1892



0.3127, 0.2002, 0.2405

Previews

White Background



This preview shows how the Yxy color 28.0126, 0.3660, 0.3597 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 28.0126, 0.3660, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

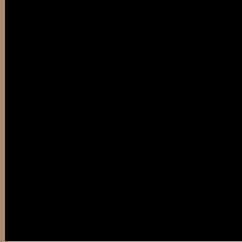
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0126, 0.3660, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 28.0126, 0.3660, 0.3597.



This preview shows how white text looks on a background with the Yxy color 28.0126, 0.3660, 0.3597.

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

28.0126, 0.3660, 0.3597

Protanopia

28.0271, 0.3438, 0.3645

Deuteranopia

28.0126, 0.3660, 0.3597



Tritanopia

27.9493, 0.3405, 0.3128

Trichromacy



Original Color

28.0126, 0.3660, 0.3597

Protanomaly

27.8946, 0.3512, 0.3624

Deuteranomaly

28.0126, 0.3660, 0.3597

Tritanomaly

27.8209, 0.3503, 0.3291

Monochromacy



Original Color

28.0126, 0.3660, 0.3597

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.1948, 0.3306, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0126, 0.3660, 0.3597 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, 139, 119)` looks like.

```
.text, #text, p{  
    color:rgb(167, 139, 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(167, 139, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 139, 119) }
```

Border

The CSS property to change the border of an element to Yxy 28.0126, 0.3660, 0.3597 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, 139, 119) }
```

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

```
.border{ border-color:rgb(167, 139, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 139, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 139, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 139, 119);  
box-shadow:4px 4px 4px 4px rgb(167, 139,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0126, 0.3660, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 139, 119) }
```

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

```
.background{ background-color: rgb(167,  
139, 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](#).

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