

Converting Colors

$Y_{xy}(29.0951, 0.3659, 0.3643)$

Have a look what the booklet for
Yxy(29.0951, 0.3659, 0.3643)
contains.

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Color

Yxy(29.0027, 0.3659, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	A88E77
RGB	168, 142, 119
RGB Percent	66%, 56%, 47%
CMY	0.3411, 0.4431, 0.5332
CMYK	0.00, 0.15, 0.29, 0.34
HSL	28°, 22%, 56%
HSV	28°, 29%, 66%
XYZ	29.1541, 29.0027, 21.5210
YIQ	147.1520, 22.8790, -1.6410

Conversions

Conversions Part 2

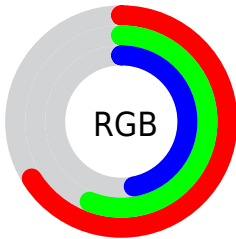
Format	Color
R_{YB}	168, 162, 119
Decimal	11046519
CIE _{Lab}	60.78, 6.24, 15.88
CIE _{LCh}	61, 17.065, 68.565
Yxy	29.0027, 0.3659, 0.3640
Android (android.graphics.Color)	4289236599 (0xFFA88E77)
YUV	147.1520, -13.8789, 18.2837
Hunter-Lab	53.8542, 2.3867, 14.0047

Details

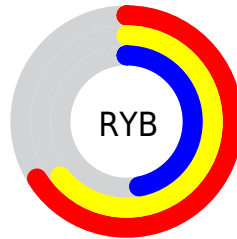
The Yxy color $29.0027, 0.3659, 0.3640$ is a dark color, and the websafe version is hex $CC9999$. A complement of this color would be $27.0130, 0.2674, 0.2911$, and the grayscale version is $29.2968, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.2674, 0.3552, 0.3579$, and $11.7413, 0.3851, 0.3767$ is the 20% darker color. If you saturate the color by 10%, you get $26.0859, 0.3891, 0.3765$, and if you desaturate by 10%, it is $32.2061, 0.3453, 0.3515$.

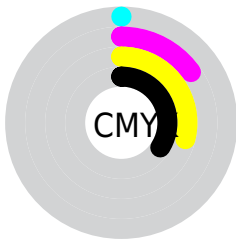
Distribution



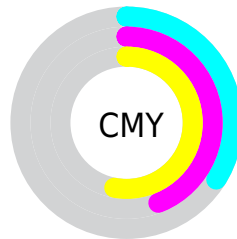
- Red (66%)
- Green (56%)
- Blue (47%)



- Red (66%)
- Yellow (64%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (29%)
- Black (34%)





- Cyan (34%)
- Magenta (44%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0027, 0.3659, 0.3640 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 29.0027, 0.3659, 0.3640 by changing the saturation by 10% instead.


 29.0027, 0.3659,
0.3640


 29.0027, 0.3659,
0.3640


297.2277, 0.3371,
0.3456

 19.0829, 0.3739,
0.3689


 58.0814, 0.3549,
0.3571

 11.7302, 0.3846,
0.3752


 78.0090, 0.3509,
0.3546

 6.5602, 0.3997,
0.3838


 102.0414, 0.3476,
0.3525

 3.1886, 0.4225,
0.3959

130.5628, 0.3448,
0.3507

 1.2310, 0.4910,
0.4412

163.9578, 0.3425,
0.3491

 0.0868, 0.7301,
0.2699

202.6107, 0.3404,

 0.0000, 0.0000,

0.3478

0.0000

246.9058, 0.3387,
0.3466

■ 29.0027, 0.3659,
0.3640

■ 29.0027, 0.3659,
0.3640

■ 26.0859, 0.3891,
0.3765

■ 32.2061, 0.3453,
0.3515

■ 23.4429, 0.4147,
0.3884

■ 35.7003, 0.3272,
0.3395

■ 21.0658, 0.4423,
0.3987

■ 39.4945, 0.3115,
0.3281

■ 18.9449, 0.4708,
0.4063

■ 43.5964, 0.2978,
0.3175

■ 17.0693, 0.4989,
0.4101

■ 48.0130, 0.2859,
0.3076

■ 15.4271, 0.5245,
0.4088

■ 52.7515, 0.2756,
0.2986

■ 14.0004, 0.5468,
0.4030

■ 57.8186, 0.2666,
0.2904

■ 13.8887, 0.5487,
0.4025

■ 63.2209, 0.2588,
0.2829

■ 67.9442, 0.2594,
0.2918

Harmonies

Analogous

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



29.0027, 0.3669, 0.3428



29.0027, 0.3659, 0.3640



29.0027, 0.3502, 0.3771

Triad

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



29.0027, 0.3659, 0.3640



29.0027, 0.2740, 0.3373



29.0027, 0.2988, 0.2859

Complementary

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



29.0027, 0.3659, 0.3640



27.0130, 0.2674, 0.2911

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.



29.0027, 0.2753, 0.2830



29.0027, 0.3659, 0.3640



29.0027, 0.2615, 0.3112

Square

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



29.0027, 0.3659, 0.3640



29.0027, 0.2969, 0.3620



29.0027, 0.2619, 0.2918



29.0027, 0.3271, 0.2990

Rectangle

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



29.0027, 0.3659, 0.3640



29.0027, 0.3339, 0.3786



29.0027, 0.2619, 0.2918



29.0027, 0.2901, 0.2837

Sweetspot

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



29.0040, 0.3659, 0.3640



64.7688, 0.3272, 0.3395



23.5741, 0.3425, 0.2897



13.9160, 0.3296, 0.3411



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.



29.0040, 0.3659, 0.3640



49.1331, 0.3806, 0.3721



37.0690, 0.3564, 0.3981



8.1007, 0.3274, 0.3396



10.5877, 0.5471, 0.4038



0.3606, 0.4947, 0.4454

Inverse Universe

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



27.0130, 0.2674, 0.2911



44.9214, 0.2571, 0.2812



20.3423, 0.2630, 0.2491



7.9353, 0.2987, 0.3182



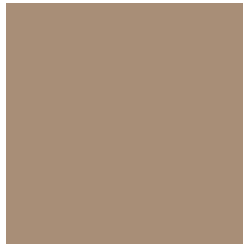
7.6603, 0.1809, 0.1710



0.2875, 0.1968, 0.2285

Previews

White Background



This preview shows how the Yxy color 29.0027, 0.3659, 0.3640 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 29.0027, 0.3659, 0.3640 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 29.0027, 0.3659, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 29.0027, 0.3659, 0.3640.



This preview shows how white text looks on a background with the Yxy color 29.0027, 0.3659, 0.3640.

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

29.0027, 0.3659, 0.3640

Protanopia

28.9068, 0.3476, 0.3688

Deuteranopia

28.9277, 0.3686, 0.3623



Tritanopia

29.0048, 0.3378, 0.3129

Trichromacy



Original Color

29.0027, 0.3659, 0.3640

Protanomaly

29.0804, 0.3546, 0.3681

Deuteranomaly

28.8167, 0.3675, 0.3624

Tritanomaly

28.8463, 0.3484, 0.3306

Monochromacy



Original Color

29.0027, 0.3659, 0.3640

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.0255, 0.3314, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0027, 0.3659, 0.3640 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(168, 142, 119)` looks like.

```
.text, #text, p{  
    color:rgb(168, 142, 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(168, 142, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 142, 119) }
```

Border

The CSS property to change the border of an element to Yxy 29.0027, 0.3659, 0.3640 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(168, 142, 119) }
```

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

```
.border{ border-color:rgb(168, 142, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 142, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 142, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 142, 119); box-shadow:4px 4px 4px 4px rgb(168, 142, 119) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0027, 0.3659, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 142, 119) }
```

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

```
.background{ background-color: rgb(168,  
142, 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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