

Converting Colors

$Y_{xy}(27.1528, 0.3740, 0.3518)$

Have a look what the booklet for
Yxy(27.1528, 0.3740, 0.3518)
contains.

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Color

Yxy(27.1528, 0.3740, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	AC8677
RGB	172, 134, 119
RGB Percent	67%, 53%, 47%
CMY	0.3255, 0.4745, 0.5334
CMYK	0.00, 0.22, 0.31, 0.33
HSL	17°, 24%, 57%
HSV	17°, 31%, 67%
XYZ	28.8663, 27.1528, 21.1634
YIQ	143.6520, 27.4630, 3.3910

Conversions

Conversions Part 2

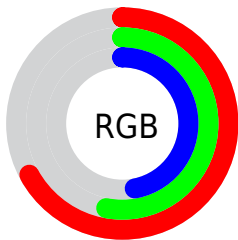
Format	Color
R_{YB}	172, 140, 119
Decimal	11306615
CIE _{Lab}	59.12, 12.32, 13.66
CIE _{LCh}	59, 18.390, 47.958
Yxy	27.1528, 0.3740, 0.3518
Android (android.graphics.Color)	4289496695 (0xFFAC8677)
YUV	143.6520, -12.1534, 24.8612
Hunter-Lab	52.1083, 7.6933, 12.3956

Details

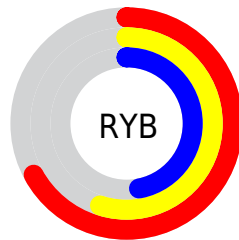
The Yxy color $27.1528, 0.3740, 0.3518$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $30.9993, 0.2665, 0.3049$, and the grayscale version is $27.7841, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9749, 0.3610, 0.3475$, and $10.7175, 0.3967, 0.3568$ is the 20% darker color. If you saturate the color by 10%, you get $23.5672, 0.4015, 0.3595$, and if you desaturate by 10%, it is $31.2127, 0.3505, 0.3441$.

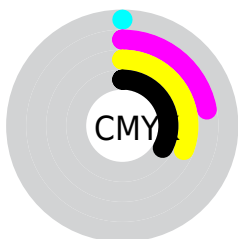
Distribution



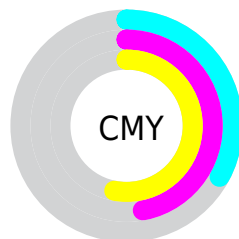
- Red (67%)
- Green (53%)
- Blue (47%)



- Red (67%)
- Yellow (55%)
- Blue (47%)



- Cyan (0%)
- Magenta (22%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.1528, 0.3740, 0.3518 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 27.1528, 0.3740, 0.3518 by changing the saturation by 10% instead.


 27.1528, 0.3740,
0.3518


 27.1528, 0.3740,
0.3518


288.3962, 0.3403,
0.3401


 17.6880, 0.3835,
0.3547


 55.1290, 0.3610,
0.3475

 10.7262, 0.3965,
0.3585


 74.4091, 0.3563,
0.3459

 5.8831, 0.4151,
0.3633


 97.7299, 0.3525,
0.3446

 2.7741, 0.4439,
0.3693

125.4756, 0.3493,
0.3434

 1.0150, 0.5349,
0.4073

158.0307, 0.3465,
0.3424

 0.0000, 1.0000,
0.0000

195.7796, 0.3442,

 0.0000, 0.0000,

0.3416

0.0000

239.1066, 0.3421,
0.3408

■ 27.1528, 0.3740,
0.3518

■ 27.1528, 0.3740,
0.3518

■ 23.5672, 0.4015,
0.3595

■ 31.2127, 0.3505,
0.3441

■ 20.4344, 0.4330,
0.3665

■ 35.7598, 0.3307,
0.3366

■ 17.7370, 0.4681,
0.3721

■ 40.8110, 0.3140,
0.3296


■ 15.4548, 0.5053,
0.3751


■ 46.3815, 0.2999,
0.3231


■ 13.5660, 0.5420,
0.3746

■ 52.4857, 0.2881,
0.3171


 12.0464, 0.5745,
0.3696

 59.1376, 0.2780,
0.3116

 10.9479, 0.5992,
0.3624

 66.3503, 0.2695,
0.3067

 74.0354, 0.2630,
0.3039

 81.2413, 0.2648,
0.3178

Harmonies

Analogous

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



27.1528, 0.3631, 0.3263



27.1528, 0.3740, 0.3518



27.1528, 0.3674, 0.3731

Triad

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



27.1528, 0.3740, 0.3518



27.1528, 0.2864, 0.3577



27.1528, 0.2786, 0.2783

Complementary

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



27.1528, 0.3740, 0.3518



30.9993, 0.2665, 0.3049

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.



27.1528, 0.2601, 0.2837



27.1528, 0.3740, 0.3518



27.1528, 0.2644, 0.3286

Square

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



27.1528, 0.3740, 0.3518



27.1528, 0.3161, 0.3785



27.1528, 0.2551, 0.3015



27.1528, 0.3069, 0.2852

Rectangle

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



27.1528, 0.3740, 0.3518



27.1528, 0.3544, 0.3818



27.1528, 0.2551, 0.3015



27.1528, 0.2711, 0.2786

Sweetspot

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



27.1541, 0.3740, 0.3518



66.3397, 0.3277, 0.3354



24.3909, 0.3332, 0.2737



14.1470, 0.3302, 0.3364



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



27.1541, 0.3740, 0.3518



44.7253, 0.3923, 0.3571



35.4198, 0.3628, 0.3894



8.3714, 0.3280, 0.3355



8.2301, 0.5974, 0.3639



0.3228, 0.5382, 0.4109

Inverse Universe

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



30.9993, 0.2665, 0.3049



52.8053, 0.2568, 0.2986



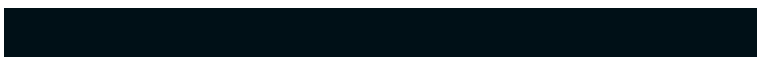
22.9867, 0.2615, 0.2602



8.6824, 0.2986, 0.3224



12.8970, 0.1988, 0.2356



0.4455, 0.2076, 0.2672

Previews

White Background



This preview shows how the Yxy color 27.1528, 0.3740, 0.3518 looks on a white background.

Color Contrast Check

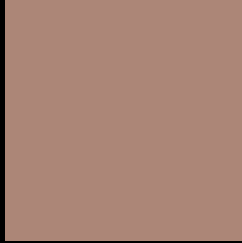
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.1528, 0.3740, 0.3518 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 27.1528, 0.3740, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 27.1528, 0.3740, 0.3518.



This preview shows how white text looks on a background with the Yxy color 27.1528, 0.3740, 0.3518.

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

27.1528, 0.3740, 0.3518

Protanopia

27.2601, 0.3410, 0.3600

Deuteranopia

27.1987, 0.3656, 0.3585



Tritanopia

27.1544, 0.3517, 0.3144

Trichromacy



Original Color

27.1528, 0.3740, 0.3518

Protanomaly

27.1395, 0.3522, 0.3561

Deuteranomaly

27.2412, 0.3695, 0.3567

Tritanomaly

27.0802, 0.3596, 0.3277

Monochromacy



Original Color

27.1528, 0.3740, 0.3518

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.3755, 0.3333, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1528, 0.3740, 0.3518 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(172, 134, 119)` looks like.

```
.text, #text, p{  
    color:rgb(172, 134, 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(172, 134, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 134, 119) }
```

Border

The CSS property to change the border of an element to Yxy 27.1528, 0.3740, 0.3518 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(172, 134, 119) }
```

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

```
.border{ border-color:rgb(172, 134, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 134, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 134, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 134, 119);  
box-shadow:4px 4px 4px 4px rgb(172, 134,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1528, 0.3740, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 134, 119) }
```

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

```
.background{ background-color: rgb(172,  
134, 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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