

Converting Colors

$Y_{xy}(28.1654, 0.3758, 0.3645)$

Have a look what the booklet for
Yxy(28.1654, 0.3758, 0.3645)
contains.

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Color

Yxy(28.0727, 0.3755, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	AB8A73
RGB	171, 138, 115
RGB Percent	67%, 54%, 45%
CMY	0.3295, 0.4588, 0.5489
CMYK	0.00, 0.19, 0.33, 0.33
HSL	25°, 25%, 56%
HSV	25°, 33%, 67%
XYZ	28.9755, 28.0727, 20.1170
YIQ	145.2450, 27.0510, -0.1570

Conversions

Conversions Part 2

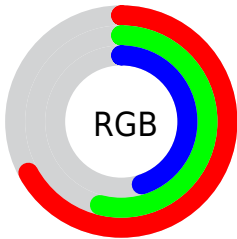
Format	Color
R_{YB}	171, 154, 115
Decimal	11242099
CIE _{Lab}	59.95, 9.12, 17.05
CIE _{LCh}	60, 19.333, 61.844
Yxy	28.0727, 0.3755, 0.3638
Android (android.graphics.Color)	4289432179 (0xFFAB8A73)
YUV	145.2450, -14.9108, 22.5871
Hunter-Lab	52.9837, 4.8960, 14.5772

Details

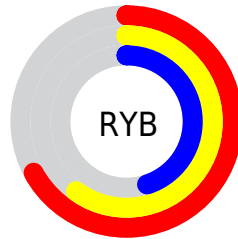
The Yxy color $28.0727, 0.3755, 0.3638$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $27.7633, 0.2623, 0.2912$, and the grayscale version is $28.4744, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.3825, 0.3624, 0.3566$, and $11.2362, 0.3984, 0.3738$ is the 20% darker color. If you saturate the color by 10%, you get $24.9579, 0.4009, 0.3747$, and if you desaturate by 10%, it is $31.5313, 0.3531, 0.3527$.

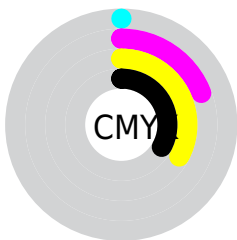
Distribution



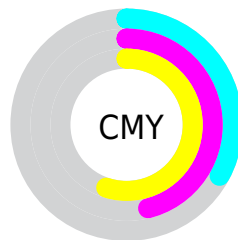
- Red (67%)
- Green (54%)
- Blue (45%)



- Red (67%)
- Yellow (60%)
- Blue (45%)



- Cyan (0%)
- Magenta (19%)
- Yellow (33%)
- Black (33%)





- Cyan (33%)
- Magenta (46%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0727, 0.3755, 0.3638 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 28.0727, 0.3755, 0.3638 by changing the saturation by 10% instead.


 28.0727, 0.3755,
0.3638


 28.0727, 0.3755,
0.3638

292.8141, 0.3413,
0.3457


 18.3805, 0.3850,
0.3685


 56.6005, 0.3623,
0.3571

 11.2235, 0.3979,
0.3745


 76.2048, 0.3576,
0.3546

 6.2174, 0.4161,
0.3825

 99.8820, 0.3537,
0.3525

 2.9777, 0.4437,
0.3932

128.0164, 0.3504,
0.3507

 1.1201, 0.5442,
0.4525

160.9924, 0.3476,
0.3492

 0.0000, 1.0000,
0.0000

199.1945, 0.3452,

 0.0000, 0.0000,

0.3479

0.0000

243.0069, 0.3431,
0.3467

■ 28.0727, 0.3755,
0.3638

■ 28.0727, 0.3755,
0.3638

■ 24.9579, 0.4009,
0.3747

■ 31.5313, 0.3531,
0.3527

■ 22.1717, 0.4291,
0.3847

■ 35.3405, 0.3337,
0.3419

■ 19.7033, 0.4596,
0.3929


■ 39.5118, 0.3169,
0.3317


■ 17.5400, 0.4909,
0.3980


■ 44.0549, 0.3024,
0.3221

■ 15.6676, 0.5212,
0.3988

■ 48.9793, 0.2900,
0.3133


 14.0707, 0.5482,
0.3945

 54.2938, 0.2793,
0.3052

 13.0664, 0.5656,
0.3891

 60.0073, 0.2701,
0.2978

 66.1280, 0.2621,
0.2910

 71.7360, 0.2619,
0.2993

Harmonies

Analogous

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



28.0727, 0.3726, 0.3385



28.0727, 0.3755, 0.3638



28.0727, 0.3608, 0.3817

Triad

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



28.0727, 0.3755, 0.3638



28.0727, 0.2734, 0.3453



28.0727, 0.2899, 0.2782

Complementary

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



28.0727, 0.3755, 0.3638



27.7633, 0.2623, 0.2912

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.



28.0727, 0.2654, 0.2777



28.0727, 0.3755, 0.3638



28.0727, 0.2563, 0.3147

Square

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



28.0727, 0.3755, 0.3638



28.0727, 0.3014, 0.3722



28.0727, 0.2535, 0.2903



28.0727, 0.3218, 0.2907

Rectangle

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



28.0727, 0.3755, 0.3638



28.0727, 0.3435, 0.3863



28.0727, 0.2535, 0.2903



28.0727, 0.2806, 0.2766

Sweetspot

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



28.0740, 0.3755, 0.3638



65.1528, 0.3291, 0.3393



23.0792, 0.3427, 0.2793



14.3082, 0.3315, 0.3407



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.



28.0740, 0.3755, 0.3638



46.3420, 0.3929, 0.3714



36.9438, 0.3634, 0.4018



8.5355, 0.3277, 0.3384



9.9510, 0.5639, 0.3904



0.3862, 0.5099, 0.4333

Inverse Universe

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



27.7633, 0.2623, 0.2912



45.6911, 0.2518, 0.2817



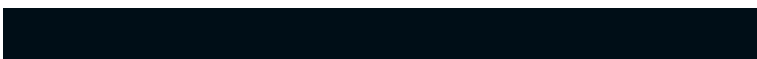
20.1676, 0.2566, 0.2439



8.5119, 0.2986, 0.3195



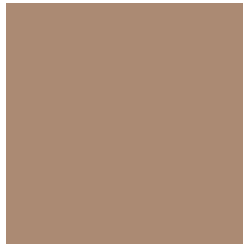
9.3022, 0.1864, 0.1908



0.3630, 0.1993, 0.2373

Previews

White Background



This preview shows how the Yxy color 28.0727, 0.3755, 0.3638 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 28.0727, 0.3755, 0.3638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

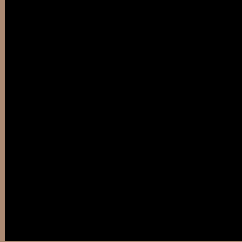
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.0727, 0.3755, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 28.0727, 0.3755, 0.3638.



This preview shows how white text looks on a background with the Yxy color 28.0727, 0.3755, 0.3638.

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

28.0727, 0.3755, 0.3638

Protanopia

28.0268, 0.3491, 0.3709

Deuteranopia

28.1381, 0.3728, 0.3656



Tritanopia

28.0625, 0.3475, 0.3144

Trichromacy



Original Color

28.0727, 0.3755, 0.3638

Protanomaly

28.1039, 0.3589, 0.3684

Deuteranomaly

28.2491, 0.3739, 0.3654

Tritanomaly

27.9056, 0.3586, 0.3321

Monochromacy



Original Color

28.0727, 0.3755, 0.3638

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.9373, 0.3340, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0727, 0.3755, 0.3638 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(171, 138, 115)` looks like.

```
.text, #text, p{  
    color:rgb(171, 138, 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(171, 138, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 138, 115) }
```

Border

The CSS property to change the border of an element to Yxy 28.0727, 0.3755, 0.3638 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(171, 138, 115) }
```

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

```
.border{ border-color:rgb(171, 138, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 138, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 138, 115); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 138, 115); box-shadow:4px 4px 4px 4px rgb(171, 138, 115) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0727, 0.3755, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 138, 115) }
```

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

```
.background{ background-color: rgb(171,  
138, 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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