

Converting Colors

$Y_{xy}(28.7928, 0.3718, 0.3568)$

Have a look what the booklet for
Yxy(28.7928, 0.3718, 0.3568)
contains.

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Color

Yxy(28.7055, 0.3718, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	AD8B78
RGB	173, 139, 120
RGB Percent	68%, 55%, 47%
CMY	0.3216, 0.4549, 0.5294
CMYK	0.00, 0.20, 0.31, 0.32
HSL	22°, 24%, 57%
HSV	22°, 31%, 68%
XYZ	29.8537, 28.7055, 21.7359
YIQ	147.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

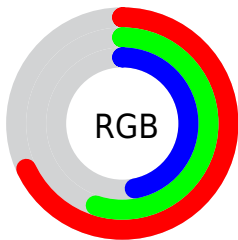
Format	Color
R _Y B	173, 150, 120
Decimal	11373432
CIE Lab	60.52, 10.05, 15.04
CIE LCh	61, 18.091, 56.264
Yxy	28.7055, 0.3718, 0.3575
Android (android.graphics.Color)	4289563512 (0xFFAD8B78)
YUV	147.0000, -13.3110, 22.8020
Hunter-Lab	53.5775, 5.7006, 13.4509

Details

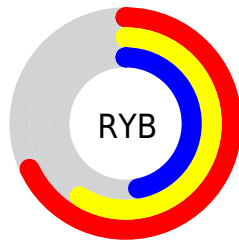
The Yxy color $28.7055, 0.3718, 0.3575$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $30.1119, 0.2661, 0.2985$, and the grayscale version is $29.2256, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.7765, 0.3594, 0.3530$, and $11.5928, 0.3943, 0.3670$ is the 20% darker color. If you saturate the color by 10%, you get $25.2729, 0.3977, 0.3672$, and if you desaturate by 10%, it is $32.5425, 0.3494, 0.3478$.

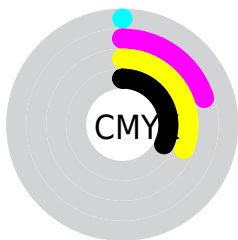
Distribution



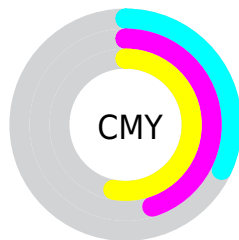
- Red (68%)
- Green (55%)
- Blue (47%)



- Red (68%)
- Yellow (59%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (32%)




- Cyan (32%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7055, 0.3718, 0.3575 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 28.7055, 0.3718, 0.3575 by changing the saturation by 10% instead.

 28.7055, 0.3718,
0.3575


 28.7055, 0.3718,
0.3575

295.8229, 0.3397,
0.3428


 18.8582, 0.3808,
0.3613


 57.6089, 0.3595,
0.3521

 11.5678, 0.3928,
0.3661


 77.4336, 0.3550,
0.3500

 6.4501, 0.4100,
0.3725

 101.3530, 0.3514,
0.3483

 3.1207, 0.4360,
0.3811

129.7514, 0.3483,
0.3469

 1.1951, 0.5089,
0.4158

163.0132, 0.3456,
0.3457

 0.0577, 0.8388,
0.1612

201.5228, 0.3434,

 0.0000, 0.0000,

0.3446

0.0000

245.6646, 0.3414,
0.3436

■ 28.7055, 0.3718,
0.3575

■ 28.7055, 0.3718,
0.3575

■ 25.2729, 0.3977,
0.3672

■ 32.5425, 0.3494,
0.3478

■ 22.2271, 0.4269,
0.3761

■ 36.7931, 0.3301,
0.3384

■ 19.5547, 0.4590,
0.3835


■ 41.4709, 0.3137,
0.3295


■ 17.2402, 0.4928,
0.3882


■ 46.5879, 0.2997,
0.3213

■ 15.2665, 0.5261,
0.3890


■ 52.1554, 0.2877,
0.3137

 13.6150, 0.5561,
0.3849

 58.1844, 0.2775,
0.3068

 12.3351, 0.5802,
0.3775

 64.6855, 0.2687,
0.3005

 71.4487, 0.2629,
0.2983

 77.7396, 0.2644,
0.3110

Harmonies

Analogous

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



28.7055, 0.3659, 0.3333



28.7055, 0.3718, 0.3575



28.7055, 0.3610, 0.3758

Triad

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



28.7055, 0.3718, 0.3575



28.7055, 0.2804, 0.3493



28.7055, 0.2866, 0.2806

Complementary

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



28.7055, 0.3718, 0.3575



30.1119, 0.2661, 0.2985

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.



28.7055, 0.2656, 0.2825



28.7055, 0.3718, 0.3575



28.7055, 0.2622, 0.3209

Square

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



28.7055, 0.3718, 0.3575



28.7055, 0.3078, 0.3725



28.7055, 0.2569, 0.2966



28.7055, 0.3155, 0.2904

Rectangle

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



28.7055, 0.3718, 0.3575



28.7055, 0.3463, 0.3816



28.7055, 0.2569, 0.2966



28.7055, 0.2785, 0.2799

Sweetspot

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



28.7068, 0.3718, 0.3575



67.0934, 0.3275, 0.3371



24.6630, 0.3372, 0.2789



14.3336, 0.3300, 0.3383



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.



28.7068, 0.3718, 0.3575



47.0328, 0.3896, 0.3643



37.1621, 0.3611, 0.3937



8.4681, 0.3278, 0.3372



9.1635, 0.5783, 0.3791



0.3603, 0.5206, 0.4248

Inverse Universe

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



30.1119, 0.2661, 0.2985



49.9543, 0.2556, 0.2903



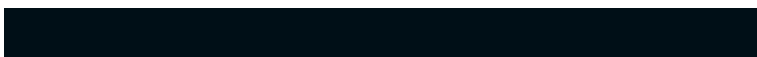
22.4340, 0.2611, 0.2547



8.5813, 0.2986, 0.3207



10.6679, 0.1914, 0.2091



0.3953, 0.2027, 0.2496

Previews

White Background



This preview shows how the Yxy color 28.7055, 0.3718, 0.3575 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 28.7055, 0.3718, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

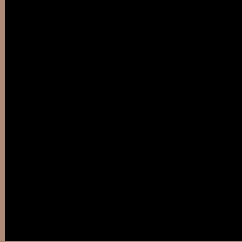
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7055, 0.3718, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 28.7055, 0.3718, 0.3575.



This preview shows how white text looks on a background with the Yxy color 28.7055, 0.3718, 0.3575.

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

28.7055, 0.3718, 0.3575

Protanopia

28.8579, 0.3444, 0.3657

Deuteranopia

28.5472, 0.3668, 0.3594



Tritanopia

28.6334, 0.3473, 0.3131

Trichromacy



Original Color

28.7055, 0.3718, 0.3575

Protanomaly

28.6271, 0.3543, 0.3618

Deuteranomaly

28.6583, 0.3679, 0.3593

Tritanomaly

28.5284, 0.3560, 0.3277

Monochromacy



Original Color

28.7055, 0.3718, 0.3575

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.8206, 0.3327, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7055, 0.3718, 0.3575 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(173, 139, 120)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 120)  
}
```

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(173, 139, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 120) }
```

Border

The CSS property to change the border of an element to Yxy 28.7055, 0.3718, 0.3575 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(173, 139, 120) }
```

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

```
.border{ border-color:rgb(173, 139, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 139, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 120);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7055, 0.3718, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 120) }
```

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

```
.background{ background-color: rgb(173,  
139, 120) }
```

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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