

Converting Colors

$Y_{xy}(29.0414, 0.3708, 0.3615)$

Have a look what the booklet for
Yxy(29.0414, 0.3708, 0.3615)
contains.

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Color

Yxy(29.1523, 0.3709, 0.3620)

Conversions

Conversions Part 1

Format	Color
Hex	AC8D77
RGB	172, 141, 119
RGB Percent	67%, 55%, 47%
CMY	0.3255, 0.4471, 0.5333
CMYK	0.00, 0.18, 0.31, 0.33
HSL	25°, 24%, 57%
HSV	25°, 31%, 67%
XYZ	29.8690, 29.1523, 21.5099
YIQ	147.7610, 25.5380, -0.2700

Conversions

Conversions Part 2

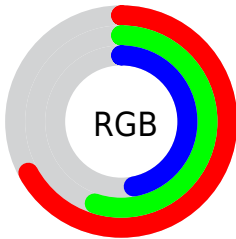
Format	Color
R _Y B	172, 157, 119
Decimal	11308407
CIE Lab	60.92, 8.40, 16.13
CIE LCh	61, 18.189, 62.487
Yxy	29.1523, 0.3709, 0.3620
Android (android.graphics.Color)	4289498487 (0xFFAC8D77)
YUV	147.7610, -14.1792, 21.2576
Hunter-Lab	53.9929, 4.2592, 14.1748

Details

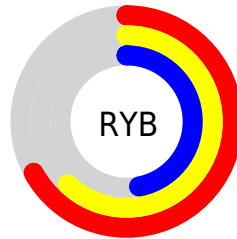
The Yxy color **29.1523, 0.3709, 0.3620** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **28.7195, 0.2652, 0.2934**, and the grayscale version is **29.5629, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.4645, 0.3588, 0.3564**, and **11.8463, 0.3926, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **25.9428, 0.3957, 0.3731**, and if you desaturate by 10%, it is **32.7089, 0.3491, 0.3508**.

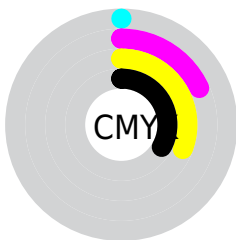
Distribution



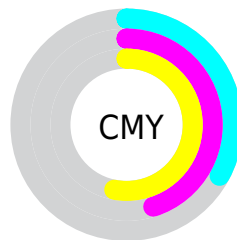
- Red (67%)
- Green (55%)
- Blue (47%)



- Red (67%)
- Yellow (62%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1523, 0.3709, 0.3620 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 29.1523, 0.3709, 0.3620 by changing the saturation by 10% instead.


 29.1523, 0.3709,
0.3620


 29.1523, 0.3709,
0.3620


297.9329, 0.3394,
0.3448

 19.1961, 0.3796,
0.3664


 58.3190, 0.3588,
0.3556

 11.8120, 0.3914,
0.3722


 78.2982, 0.3545,
0.3533

 6.6158, 0.4079,
0.3799


 102.3872, 0.3509,
0.3513

 3.2230, 0.4329,
0.3903

130.9704, 0.3478,
0.3496

 1.2492, 0.5047,
0.4305

164.4322, 0.3453,
0.3482

 0.1014, 0.7483,
0.2517

203.1569, 0.3430,

 0.0000, 0.0000,

0.3469

0.0000

247.5290, 0.3411,
0.3458

■ 29.1523, 0.3709,
0.3620

■ 29.1523, 0.3709,
0.3620

■ 25.9428, 0.3957,
0.3731

■ 32.7089, 0.3491,
0.3508

■ 23.0653, 0.4233,
0.3835

■ 36.6193, 0.3302,
0.3400

■ 20.5093, 0.4532,
0.3922


■ 40.8949, 0.3139,
0.3298

■ 18.2619, 0.4844,
0.3980

■ 45.5454, 0.2999,
0.3203

■ 16.3095, 0.5149,
0.3998

■ 50.5800, 0.2878,
0.3115

 14.6369, 0.5424,
0.3966

 56.0077, 0.2774,
0.3034

 13.3249, 0.5645,
0.3899

 61.8372, 0.2684,
0.2961

 67.9722, 0.2614,
0.2911

 73.4627, 0.2629,
0.3027

Harmonies

Analogous

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



29.1523, 0.3685, 0.3385



29.1523, 0.3709, 0.3620



29.1523, 0.3570, 0.3783

Triad

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



29.1523, 0.3709, 0.3620



29.1523, 0.2757, 0.3435



29.1523, 0.2922, 0.2818

Complementary

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



29.1523, 0.3709, 0.3620



28.7195, 0.2652, 0.2934

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.



29.1523, 0.2691, 0.2811



29.1523, 0.3709, 0.3620



29.1523, 0.2599, 0.3152

Square

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



29.1523, 0.3709, 0.3620



29.1523, 0.3016, 0.3686



29.1523, 0.2576, 0.2927



29.1523, 0.3219, 0.2937

Rectangle

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



29.1523, 0.3709, 0.3620



29.1523, 0.3408, 0.3821



29.1523, 0.2576, 0.2927



29.1523, 0.2834, 0.2802

Sweetspot

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



29.1536, 0.3709, 0.3620



67.6603, 0.3274, 0.3383



24.1964, 0.3405, 0.2823



14.4742, 0.3298, 0.3398



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.



29.1536, 0.3709, 0.3620



48.8271, 0.3875, 0.3697



37.6324, 0.3603, 0.3975



8.5409, 0.3276, 0.3385



10.0188, 0.5628, 0.3914



0.3883, 0.5091, 0.4339

Inverse Universe

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



28.7195, 0.2652, 0.2934



47.9034, 0.2547, 0.2840



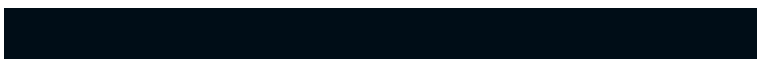
21.3958, 0.2603, 0.2497



8.5064, 0.2986, 0.3194



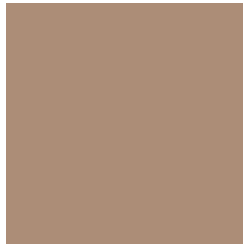
9.1996, 0.1860, 0.1894



0.3605, 0.1990, 0.2363

Previews

White Background



This preview shows how the Yxy color 29.1523, 0.3709, 0.3620 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 29.1523, 0.3709, 0.3620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

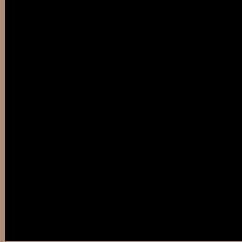
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1523, 0.3709, 0.3620

Background



This preview shows how black text looks on a background with the Yxy color 29.1523, 0.3709, 0.3620.



This preview shows how white text looks on a background with the Yxy color 29.1523, 0.3709, 0.3620.

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

29.1523, 0.3709, 0.3620

Protanopia

29.2411, 0.3463, 0.3687

Deuteranopia

29.0396, 0.3698, 0.3622



Tritanopia

29.1434, 0.3435, 0.3131

Trichromacy



Original Color

29.1523, 0.3709, 0.3620

Protanomaly

29.2083, 0.3547, 0.3664

Deuteranomaly

29.0396, 0.3698, 0.3622

Tritanomaly

28.9818, 0.3543, 0.3306

Monochromacy



Original Color

29.1523, 0.3709, 0.3620

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2250, 0.3336, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1523, 0.3709, 0.3620 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, 141, 119)` looks like.

```
.text, #text, p{  
    color:rgb(172, 141, 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, 141, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 141, 119) }
```

Border

The CSS property to change the border of an element to Yxy 29.1523, 0.3709, 0.3620 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, 141, 119) }
```

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

```
.border{ border-color:rgb(172, 141, 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, 141, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 141, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 141, 119);  
box-shadow:4px 4px 4px 4px rgb(172, 141,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1523, 0.3709, 0.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 141, 119) }
```

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

```
.background{ background-color: rgb(172,  
141, 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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