

Converting Colors

$Y_{xy}(29.9020, 0.3518, 0.3325)$

Have a look what the booklet for
Yxy(29.9020, 0.3518, 0.3325)
contains.

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Color

Yxy(29.9125, 0.3512, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	AE8D8B
RGB	174, 141, 139
RGB Percent	68%, 55%, 55%
CMY	0.3176, 0.4471, 0.4548
CMYK	0.00, 0.19, 0.20, 0.32
HSL	3°, 18%, 61%
HSV	3°, 20%, 68%
XYZ	31.6424, 29.9125, 28.5430
YIQ	150.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

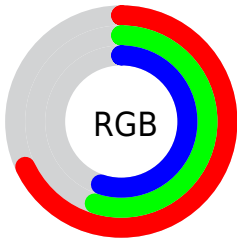
Format	Color
RYB	174, 141, 139
Decimal	11439499
CIELab	61.58, 12.14, 5.76
CIElCh	62, 13.439, 25.361
Yxy	29.9125, 0.3512, 0.3320
Android (android.graphics.Color)	4289629579 (0xFFAE8D8B)
YUV	150.6390, -5.7380, 20.4876
Hunter-Lab	54.6923, 7.5601, 7.3422

Details

The Yxy color $29.9125, 0.3512, 0.3320$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $38.0637, 0.2831, 0.3260$, and the grayscale version is $30.8050, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.6590, 0.3436, 0.3324$, and $12.2684, 0.3648, 0.3333$ is the 20% darker color. If you saturate the color by 10%, you get $24.9564, 0.3773, 0.3336$, and if you desaturate by 10%, it is $35.6701, 0.3300, 0.3305$.

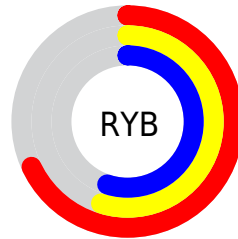
Distribution



Red (68%)

Green (55%)

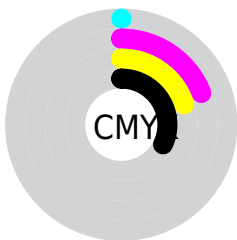
Blue (55%)



Red (68%)

Yellow (55%)

Blue (55%)

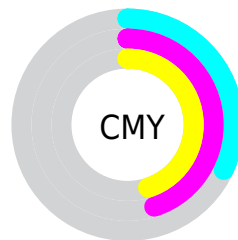


Cyan (0%)

Magenta (19%)

Yellow (20%)

Black (32%)



Cyan (32%)


Magenta (45%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.9125, 0.3512, 0.3320 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 29.9125, 0.3512, 0.3320 by changing the saturation by 10% instead.


 29.9125, 0.3512,
0.3320


 29.9125, 0.3512,
0.3320

301.4964, 0.3304,
0.3307


 19.7722, 0.3570,
0.3323


 59.5238, 0.3432,
0.3316

 12.2296, 0.3648,
0.3325


 79.7635, 0.3404,
0.3314

 6.9002, 0.3759,
0.3328


 104.1385, 0.3380,
0.3312

 3.3998, 0.3930,
0.3329

133.0332, 0.3360,
0.3311

 1.3438, 0.4225,
0.3320

166.8319, 0.3343,
0.3310

 0.1748, 0.7258,
0.2742


205.9191, 0.3328,


 0.0000, 0.0000,

0.3308


0.0000


250.6791, 0.3315,
0.3307


 29.9125, 0.3512,
0.3320


 29.9125, 0.3512,
0.3320


 24.9564, 0.3773,
0.3336


 35.6701, 0.3300,
0.3305


 20.7625, 0.4092,
0.3352


 42.2582, 0.3129,
0.3290


 17.2941, 0.4472,
0.3366

 49.7095, 0.2990,
0.3277

 14.5101, 0.4905,
0.3376

 58.0535, 0.2877,
0.3265

 12.3652, 0.5364,
0.3378

 67.3185, 0.2785,
0.3254

■ 10.8086, 0.5799,
0.3370

■ 77.5313, 0.2709,
0.3245

■ 9.7818, 0.6142,
0.3351

■ 87.7388, 0.2671,
0.3289

■ 9.2117, 0.6357,
0.3334

Harmonies

Analogous

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



29.9125, 0.3357, 0.3140



29.9125, 0.3512, 0.3320



29.9125, 0.3559, 0.3499

Triad

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



29.9125, 0.3512, 0.3320



29.9125, 0.3100, 0.3608



29.9125, 0.2776, 0.2949

Complementary

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



29.9125, 0.3512, 0.3320



38.0637, 0.2831, 0.3260

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.



29.9125, 0.2713, 0.3059



29.9125, 0.3512, 0.3320



29.9125, 0.2896, 0.3444

Square

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



29.9125, 0.3512, 0.3320



29.9125, 0.3316, 0.3676



29.9125, 0.2756, 0.3240



29.9125, 0.2931, 0.2930

Rectangle

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



29.9125, 0.3512, 0.3320



29.9125, 0.3523, 0.3596



29.9125, 0.2756, 0.3240



29.9125, 0.2743, 0.2976

Sweetspot

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



29.9139, 0.3512, 0.3320



69.2879, 0.3227, 0.3299



30.4609, 0.3167, 0.2824



15.2345, 0.3238, 0.3300



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.9139, 0.3512, 0.3320



50.1955, 0.3618, 0.3327



35.4076, 0.3465, 0.3567



8.0851, 0.3285, 0.3303



6.7109, 0.6349, 0.3341



0.2097, 0.6134, 0.3511

Inverse Universe

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



38.0637, 0.2831, 0.3260



67.6149, 0.2771, 0.3253



31.9127, 0.2814, 0.2996



8.9935, 0.2986, 0.3277



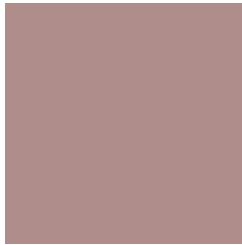
21.5529, 0.2199, 0.3116



0.6224, 0.2215, 0.3172

Previews

White Background



This preview shows how the Yxy color 29.9125, 0.3512, 0.3320 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 29.9125, 0.3512, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

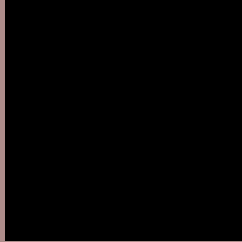
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9125, 0.3512, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 29.9125, 0.3512, 0.3320.



This preview shows how white text looks on a background with the Yxy color 29.9125, 0.3512, 0.3320.

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

29.9125, 0.3512, 0.3320

Protanopia

29.9353, 0.3228, 0.3368

Deuteranopia

30.0261, 0.3427, 0.3366



Tritanopia

29.7812, 0.3409, 0.3132

Trichromacy



Original Color

29.9125, 0.3512, 0.3320

Protanomaly

29.7809, 0.3328, 0.3336

Deuteranomaly

30.0550, 0.3462, 0.3350

Tritanomaly

29.9454, 0.3450, 0.3204

Monochromacy



Original Color

29.9125, 0.3512, 0.3320

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3449, 0.3253, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9125, 0.3512, 0.3320 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(174, 141, 139)` looks like.

```
.text, #text, p{  
    color:rgb(174, 141, 139)  
}
```

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(174, 141, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 141, 139) }
```

Border

The CSS property to change the border of an element to Yxy 29.9125, 0.3512, 0.3320 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(174, 141, 139) }
```

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

```
.border{ border-color:rgb(174, 141, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 141, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 141, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 141, 139);  
box-shadow:4px 4px 4px 4px rgb(174, 141,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9125, 0.3512, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 141, 139) }
```

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

```
.background{ background-color: rgb(174,  
141, 139) }
```

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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