

Converting Colors

$Yxy(29.9746, 0.3459, 0.3244)$

Have a look what the booklet for
Yxy(29.9746, 0.3459, 0.3244)
contains.

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Color

Yxy(30.0620, 0.3458, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	AE8D90
RGB	174, 141, 144
RGB Percent	68%, 55%, 56%
CMY	0.3176, 0.4471, 0.4352
CMYK	0.00, 0.19, 0.17, 0.32
HSL	355°, 17%, 62%
HSV	355°, 19%, 68%
XYZ	32.0155, 30.0620, 30.5064
YIQ	151.2090, 18.7050, 7.9290

Conversions

Conversions Part 2

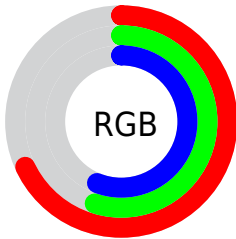
Format	Color
RYB	174, 141, 144
Decimal	11439504
CIELab	61.71, 12.94, 3.11
CIElCh	62, 13.313, 13.504
Yxy	30.0620, 0.3458, 0.3247
Android (android.graphics.Color)	4289629584 (0xFFAE8D90)
YUV	151.2090, -3.5540, 19.9877
Hunter-Lab	54.8288, 8.2789, 5.3916

Details

The Yxy color **30.0620, 0.3458, 0.3247** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.8755, 0.2870, 0.3334**, and the grayscale version is **31.0521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9304, 0.3388, 0.3257**, and **12.3553, 0.3567, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **24.8785, 0.3695, 0.3223**, and if you desaturate by 10%, it is **36.1221, 0.3267, 0.3270**.

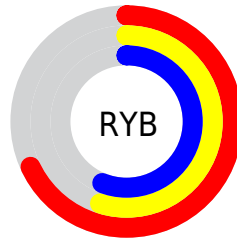
Distribution



Red (68%)

Green (55%)

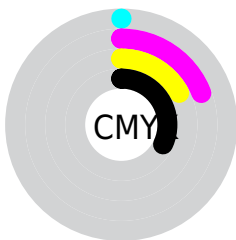
Blue (56%)



Red (68%)

Yellow (55%)

Blue (56%)

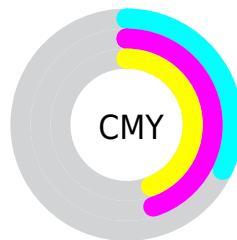


Cyan (0%)

Magenta (19%)

Yellow (17%)

Black (32%)



Cyan (32%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0620, 0.3458, 0.3247 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 30.0620, 0.3458, 0.3247 by changing the saturation by 10% instead.


 30.0620, 0.3458,
0.3247


 30.0620, 0.3458,
0.3247


302.1933, 0.3280,
0.3272


 19.8857, 0.3507,
0.3240


 59.7602, 0.3390,
0.3257

 12.3120, 0.3574,
0.3229


 80.0509, 0.3365,
0.3260

 6.9565, 0.3669,
0.3214


 104.4817, 0.3345,
0.3263

 3.4349, 0.3814,
0.3189

133.4373, 0.3328,
0.3265

 1.3628, 0.4065,
0.3141

167.3018, 0.3313,
0.3267

 0.1891, 0.7239,
0.2761

206.4597, 0.3300,

 0.0000, 0.0000,

0.3269

0.0000

251.2954, 0.3289,
0.3270

■ 30.0620, 0.3458,
0.3247

■ 30.0620, 0.3458,
0.3247

■ 24.8785, 0.3695,
0.3223

■ 36.1221, 0.3267,
0.3270

■ 20.5272, 0.3986,
0.3199

■ 43.0924, 0.3113,
0.3292

■ 16.9659, 0.4337,
0.3178

■ 51.0099, 0.2989,
0.3312

■ 14.1472, 0.4744,
0.3164

■ 59.9081, 0.2888,
0.3330

■ 12.0185, 0.5189,
0.3161

■ 69.8190, 0.2806,
0.3347

■ 10.5203, 0.5629,
0.3173

■ 80.7731, 0.2738,
0.3362

■ 9.5831, 0.6006,
0.3203

■ 87.7193, 0.2673,
0.3292

■ 9.0801, 0.6270,
0.3238

■ 87.7389, 0.2671,
0.3289

■ 9.0359, 0.6292,
0.3240

Harmonies

Analogous

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



30.0620, 0.3275, 0.3080



30.0620, 0.3458, 0.3247



30.0620, 0.3550, 0.3430

Triad

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



30.0620, 0.3458, 0.3247



30.0620, 0.3187, 0.3644



30.0620, 0.2743, 0.2986

Complementary

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



30.0620, 0.3458, 0.3247



38.8755, 0.2870, 0.3334

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.



30.0620, 0.2722, 0.3126



30.0620, 0.3458, 0.3247



30.0620, 0.2973, 0.3515

Square

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



30.0620, 0.3458, 0.3247



30.0620, 0.3389, 0.3667



30.0620, 0.2805, 0.3321



30.0620, 0.2863, 0.2930

Rectangle

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



30.0620, 0.3458, 0.3247



30.0620, 0.3546, 0.3539



30.0620, 0.2805, 0.3321



30.0620, 0.2724, 0.3024

Sweetspot

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



30.0634, 0.3458, 0.3247



68.9635, 0.3219, 0.3277



30.7309, 0.3115, 0.2824



15.1555, 0.3230, 0.3275



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.



30.0634, 0.3458, 0.3247



50.1617, 0.3557, 0.3236



34.1000, 0.3456, 0.3481



8.0268, 0.3272, 0.3270



6.5578, 0.6276, 0.3231



0.1862, 0.5802, 0.2970

Inverse Universe

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



30.0634, 0.3458, 0.3247



50.1617, 0.3557, 0.3236



34.1395, 0.2837, 0.3091



8.0268, 0.3272, 0.3270



6.5578, 0.6276, 0.3231



0.1862, 0.5802, 0.2970

Previews

White Background



This preview shows how the Yxy color 30.0620, 0.3458, 0.3247 looks on a white background.

Color Contrast Check

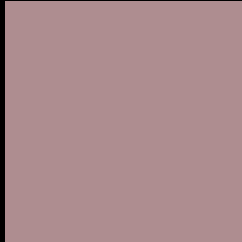
Large Text (above 18pt) WCAG AA × Fail

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 30.0620, 0.3458, 0.3247 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 ✓ Pass

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

Yxy 30.0620, 0.3458, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 30.0620, 0.3458, 0.3247.



This preview shows how white text looks on a background with the Yxy color 30.0620, 0.3458, 0.3247.

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

30.0620, 0.3458, 0.3247

Protanopia

30.3084, 0.3167, 0.3306

Deuteranopia

30.0367, 0.3374, 0.3306



Tritanopia

30.1045, 0.3396, 0.3132

Trichromacy



Original Color

30.0620, 0.3458, 0.3247

Protanomaly

30.1379, 0.3265, 0.3275

Deuteranomaly

30.0631, 0.3409, 0.3291

Tritanomaly

30.0082, 0.3428, 0.3175

Monochromacy



Original Color

30.0620, 0.3458, 0.3247

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.3765, 0.3243, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0620, 0.3458, 0.3247 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(174, 141, 144)  
}
```

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, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 141, 144) }
```

Border

The CSS property to change the border of an element to Yxy 30.0620, 0.3458, 0.3247 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, 144) }
```

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

```
.border{ border-color:rgb(174, 141, 144) }
```

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, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 141, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 141, 144);  
box-shadow:4px 4px 4px 4px rgb(174, 141,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0620, 0.3458, 0.3247 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, 144) }
```

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

```
.background{ background-color: rgb(174,  
141, 144) }
```

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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