

Converting Colors

$Yxy(29.8688, 0.3408, 0.3250)$

Have a look what the booklet for
Yxy(29.8688, 0.3408, 0.3250)
contains.

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Color

Yxy(29.9364, 0.3401, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	AA8E91
RGB	170, 142, 145
RGB Percent	67%, 56%, 57%
CMY	0.3334, 0.4431, 0.4315
CMYK	0.00, 0.16, 0.15, 0.33
HSL	354°, 14%, 61%
HSV	354°, 16%, 67%
XYZ	31.3562, 29.9364, 30.9045
YIQ	150.7140, 15.7250, 6.8690

Conversions

Conversions Part 2

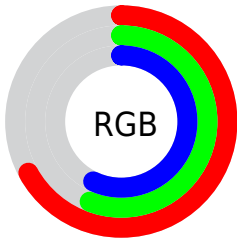
Format	Color
R _Y B	170, 142, 145
Decimal	11177617
CIE Lab	61.60, 11.01, 2.36
CIE LCh	62, 11.256, 12.077
Yxy	29.9364, 0.3401, 0.3247
Android (android.graphics.Color)	4289367697 (0xFFAA8E91)
YUV	150.7140, -2.8170, 16.9138
Hunter-Lab	54.7142, 6.5471, 4.8109

Details

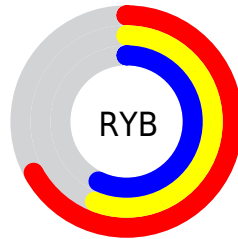
The Yxy color $29.9364, 0.3401, 0.3247$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.2836, 0.2906, 0.3334$, and the grayscale version is $30.8254, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.7721, 0.3346, 0.3257$, and $12.3321, 0.3499, 0.3228$ is the 20% darker color. If you saturate the color by 10%, you get $24.8211, 0.3621, 0.3219$, and if you desaturate by 10%, it is $35.8885, 0.3223, 0.3274$.

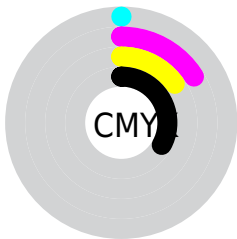
Distribution



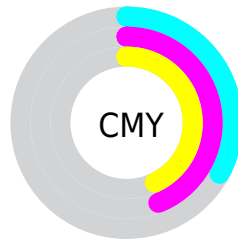
- Red (67%)
- Green (56%)
- Blue (57%)



- Red (67%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (33%)



- Cyan (33%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9364, 0.3401, 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 29.9364, 0.3401, 0.3247 by changing the saturation by 10% instead.


 29.9364, 0.3401,
0.3247


 29.9364, 0.3401,
0.3247


301.6079, 0.3253,
0.3271


 19.7903, 0.3442,
0.3240


 59.5616, 0.3345,
0.3256

 12.2427, 0.3497,
0.3230


 79.8095, 0.3324,
0.3260

 6.9092, 0.3575,
0.3216


 104.1934, 0.3307,
0.3263

 3.4054, 0.3696,
0.3193

133.0978, 0.3293,
0.3265

 1.3469, 0.3904,
0.3150

166.9071, 0.3281,
0.3267

 0.1771, 0.6805,
0.2757

206.0056, 0.3271,

 0.0000, 0.0000,

0.3268

0.0000

250.7777, 0.3261,
0.3270

■ 29.9364, 0.3401,
0.3247

■ 29.9364, 0.3401,
0.3247

■ 24.8211, 0.3621,
0.3219

■ 35.8885, 0.3223,
0.3274

■ 20.5011, 0.3893,
0.3191

■ 42.7082, 0.3080,
0.3299

■ 16.9378, 0.4221,
0.3166

■ 50.4298, 0.2964,
0.3321

■ 14.0874, 0.4607,
0.3146

■ 59.0846, 0.2870,
0.3342

■ 11.9020, 0.5038,
0.3138

■ 68.7023, 0.2793,
0.3361

■ 10.3275, 0.5481,
0.3146

■ 79.3112, 0.2729,
0.3378

■ 9.3014, 0.5881,
0.3173

■ 87.0509, 0.2669,
0.3328

■ 8.7380, 0.6183,
0.3216

■ 87.2835, 0.2652,
0.3289

■ 8.5872, 0.6267,
0.3226

Harmonies

Analogous

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



29.9364, 0.3244, 0.3105



29.9364, 0.3401, 0.3247



29.9364, 0.3483, 0.3403

Triad

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



29.9364, 0.3401, 0.3247



29.9364, 0.3187, 0.3591



29.9364, 0.2798, 0.3037

Complementary

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



29.9364, 0.3401, 0.3247



37.2836, 0.2906, 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.



29.9364, 0.2784, 0.3160



29.9364, 0.3401, 0.3247



29.9364, 0.3005, 0.3486

Square

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



29.9364, 0.3401, 0.3247



29.9364, 0.3357, 0.3607



29.9364, 0.2859, 0.3326



29.9364, 0.2897, 0.2984

Rectangle

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



29.9364, 0.3401, 0.3247



29.9364, 0.3483, 0.3497



29.9364, 0.2859, 0.3326



29.9364, 0.2783, 0.3071

Sweetspot

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



29.9377, 0.3401, 0.3247



66.7241, 0.3202, 0.3277



30.4365, 0.3112, 0.2888



14.7010, 0.3212, 0.3275



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.



29.9377, 0.3401, 0.3247



50.5251, 0.3482, 0.3236



33.1925, 0.3407, 0.3448



7.5548, 0.3270, 0.3266



6.3230, 0.6249, 0.3216



0.1577, 0.5688, 0.2907

Inverse Universe

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



29.9377, 0.3401, 0.3247



50.5251, 0.3482, 0.3236



33.5388, 0.2877, 0.3127



7.5548, 0.3270, 0.3266



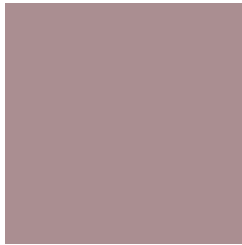
6.3230, 0.6249, 0.3216



0.1577, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 29.9364, 0.3401, 0.3247 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 29.9364, 0.3401, 0.3247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

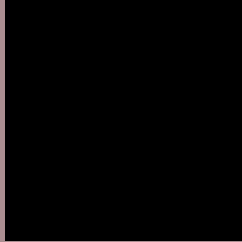
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.9364, 0.3401, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 29.9364, 0.3401, 0.3247.



This preview shows how white text looks on a background with the Yxy color 29.9364, 0.3401, 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

29.9364, 0.3401, 0.3247

Protanopia

29.9933, 0.3168, 0.3290

Deuteranopia

29.9902, 0.3342, 0.3276



Tritanopia

29.9747, 0.3340, 0.3130

Trichromacy



Original Color

29.9364, 0.3401, 0.3247

Protanomaly

30.0353, 0.3254, 0.3275

Deuteranomaly

29.9047, 0.3366, 0.3261

Tritanomaly

29.8776, 0.3372, 0.3173

Monochromacy



Original Color

29.9364, 0.3401, 0.3247

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.6188, 0.3221, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9364, 0.3401, 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(170, 142, 145)` looks like.

```
.text, #text, p{  
    color:rgb(170, 142, 145)  
}
```

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(170, 142, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 142, 145) }
```

Border

The CSS property to change the border of an element to Yxy 29.9364, 0.3401, 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(170, 142, 145) }
```

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

```
.border{ border-color:rgb(170, 142, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 142, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 142, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 142, 145);  
box-shadow:4px 4px 4px 4px rgb(170, 142,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9364, 0.3401, 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(170, 142, 145) }
```

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

```
.background{ background-color: rgb(170,  
142, 145) }
```

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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