

Converting Colors

$Y_{xy}(29.2111, 0.3432, 0.3211)$

Have a look what the booklet for
Yxy(29.2111, 0.3432, 0.3211)
contains.

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Color

Yxy(29.2495, 0.3441, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	AC8B90
RGB	172, 139, 144
RGB Percent	67%, 55%, 56%
CMY	0.3254, 0.4549, 0.4353
CMYK	0.00, 0.19, 0.16, 0.33
HSL	351°, 17%, 61%
HSV	351°, 19%, 67%
XYZ	31.2861, 29.2495, 30.3860
YIQ	149.4370, 18.0630, 8.5510

Conversions

Conversions Part 2

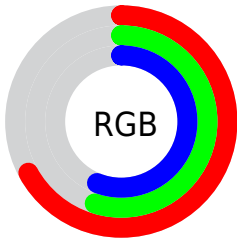
Format	Color
R_{YB}	172, 139, 144
Decimal	11307920
CIE _{Lab}	61.00, 13.33, 2.06
CIE _{LCh}	61, 13.487, 8.799
Yxy	29.2495, 0.3441, 0.3217
Android (android.graphics.Color)	4289498000 (0xFFAC8B90)
YUV	149.4370, -2.6804, 19.7878
Hunter-Lab	54.0828, 8.6148, 4.5463

Details

The Yxy color **29.2495, 0.3441, 0.3217** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7971, 0.2883, 0.3365**, and the grayscale version is **30.2564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.7111, 0.3375, 0.3235**, and **11.8748, 0.3543, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **24.2374, 0.3662, 0.3176**, and if you desaturate by 10%, it is **35.1058, 0.3262, 0.3256**.

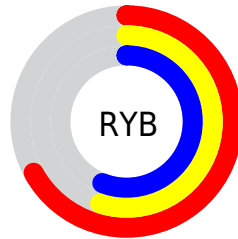
Distribution



Red (67%)

Green (55%)

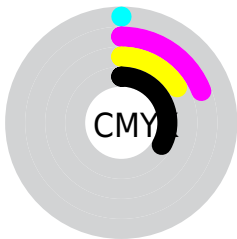
Blue (56%)



Red (67%)

Yellow (55%)

Blue (56%)

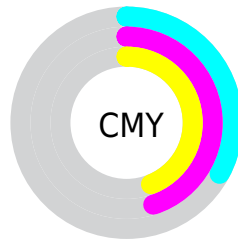


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (33%)



Cyan (33%)


Magenta (45%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.2495, 0.3441, 0.3217 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 29.2495, 0.3441, 0.3217 by changing the saturation by 10% instead.

 29.2495, 0.3441,
0.3217


 29.2495, 0.3441,
0.3217


298.3904, 0.3271,
0.3257


 19.2696, 0.3488,
0.3205


 58.4733, 0.3376,
0.3233

 11.8653, 0.3552,
0.3189


 78.4860, 0.3353,
0.3238

 6.6520, 0.3643,
0.3166


 102.6117, 0.3333,
0.3243

 3.2454, 0.3784,
0.3129

131.2349, 0.3317,
0.3247

 1.2612, 0.4029,
0.3062

164.7400, 0.3303,
0.3250

 0.1108, 0.7953,
0.2047

203.5114, 0.3291,

 0.0000, 0.0000,

0.3253

0.0000

247.9333, 0.3281,
0.3255

■ 29.2495, 0.3441,
0.3217

■ 29.2495, 0.3441,
0.3217

■ 24.2374, 0.3662,
0.3176

■ 35.1058, 0.3262,
0.3256

■ 20.0269, 0.3933,
0.3136

■ 41.8387, 0.3117,
0.3293

■ 16.5774, 0.4259,
0.3101

■ 49.4835, 0.2999,
0.3327

■ 13.8432, 0.4638,
0.3074

■ 58.0726, 0.2904,
0.3357

■ 11.7740, 0.5057,
0.3064

■ 67.6367, 0.2826,
0.3385

■ 10.3126, 0.5482,
0.3078

■ 78.2051, 0.2762,
0.3410

■ 9.3921, 0.5865,
0.3119

■ 86.9570, 0.2704,
0.3386

■ 8.8847, 0.6160,
0.3175

■ 87.5147, 0.2662,
0.3289

■ 8.8499, 0.6180,
0.3178

Harmonies

Analogous

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



29.2495, 0.3244, 0.3053



29.2495, 0.3441, 0.3217



29.2495, 0.3553, 0.3404

Triad

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



29.2495, 0.3441, 0.3217



29.2495, 0.3223, 0.3663



29.2495, 0.2724, 0.2996

Complementary

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



29.2495, 0.3441, 0.3217



37.7971, 0.2883, 0.3365

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.



29.2495, 0.2720, 0.3151



29.2495, 0.3441, 0.3217



29.2495, 0.3002, 0.3547

Square

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



29.2495, 0.3441, 0.3217



29.2495, 0.3423, 0.3669



29.2495, 0.2820, 0.3355



29.2495, 0.2832, 0.2925

Rectangle

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



29.2495, 0.3441, 0.3217



29.2495, 0.3562, 0.3520



29.2495, 0.2820, 0.3355



29.2495, 0.2711, 0.3040

Sweetspot

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



29.2508, 0.3441, 0.3217



67.2712, 0.3213, 0.3268



29.6063, 0.3092, 0.2815



14.4594, 0.3223, 0.3266



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.



29.2508, 0.3441, 0.3217



49.0382, 0.3528, 0.3200



32.4527, 0.3466, 0.3452



8.0345, 0.3263, 0.3256



6.5881, 0.6160, 0.3167



0.1892, 0.5480, 0.2792

Inverse Universe

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



29.2508, 0.3441, 0.3217



49.0382, 0.3528, 0.3200



33.9648, 0.2835, 0.3122



8.0345, 0.3263, 0.3256



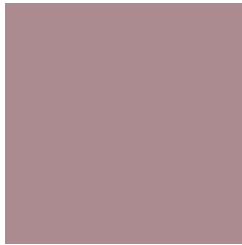
6.5881, 0.6160, 0.3167



0.1892, 0.5480, 0.2792

Previews

White Background



This preview shows how the Yxy color 29.2495, 0.3441, 0.3217 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 29.2495, 0.3441, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

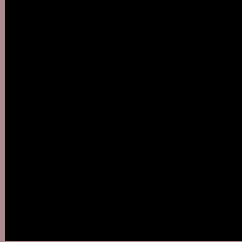
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.2495, 0.3441, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 29.2495, 0.3441, 0.3217.



This preview shows how white text looks on a background with the Yxy color 29.2495, 0.3441, 0.3217.

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

29.2495, 0.3441, 0.3217

Protanopia

29.4896, 0.3149, 0.3274

Deuteranopia

29.4146, 0.3343, 0.3291



Tritanopia

29.2311, 0.3400, 0.3130

Trichromacy



Original Color

29.2495, 0.3441, 0.3217

Protanomaly

29.3222, 0.3246, 0.3244

Deuteranomaly

29.4362, 0.3378, 0.3276

Tritanomaly

29.1678, 0.3421, 0.3159

Monochromacy



Original Color

29.2495, 0.3441, 0.3217

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5255, 0.3234, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2495, 0.3441, 0.3217 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, 139, 144)` looks like.

```
.text, #text, p{  
    color:rgb(172, 139, 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(172, 139, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 139, 144) }
```

Border

The CSS property to change the border of an element to Yxy 29.2495, 0.3441, 0.3217 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, 139, 144) }
```

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

```
.border{ border-color:rgb(172, 139, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 139, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 139, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 139, 144);  
box-shadow:4px 4px 4px 4px rgb(172, 139,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2495, 0.3441, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 139, 144) }
```

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

```
.background{ background-color: rgb(172,  
139, 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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