

Converting Colors

$Y_{xy}(29.1769, 0.3324, 0.3245)$

Have a look what the booklet for
Yxy(29.1769, 0.3324, 0.3245)
contains.

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Color

Yxy(29.1769, 0.3324, 0.3245)

Conversions

Conversions Part 1

Format	Color
Hex	A38E91
RGB	163, 142, 145
RGB Percent	64%, 56%, 57%
CMY	0.3608, 0.4431, 0.4313
CMYK	0.00, 0.13, 0.11, 0.36
HSL	351°, 10%, 60%
HSV	351°, 13%, 64%
XYZ	29.8872, 29.1769, 30.8493
YIQ	148.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

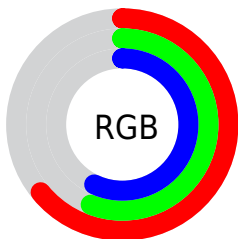
Format	Color
R _Y B	163, 142, 145
Decimal	10718865
CIE Lab	60.94, 8.38, 1.29
CIE LCh	61, 8.477, 8.768
Yxy	29.1769, 0.3324, 0.3245
Android (android.graphics.Color)	4288908945 (0xFFA38E91)
YUV	148.6210, -1.7852, 12.6104
Hunter-Lab	54.0156, 4.2379, 3.9494

Details

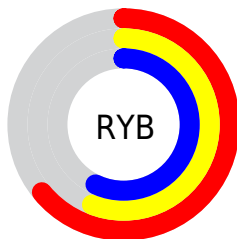
The Yxy color **29.1769, 0.3324, 0.3245** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.4797, 0.2960, 0.3336**, and the grayscale version is **29.8920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5088, 0.3281, 0.3256**, and **11.8600, 0.3386, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **24.2725, 0.3519, 0.3208**, and if you desaturate by 10%, it is **34.8460, 0.3167, 0.3280**.

Distribution



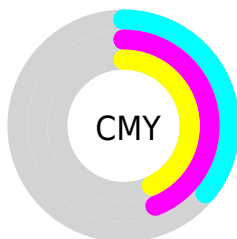
- Red (64%)
- Green (56%)
- Blue (57%)



- Red (64%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (11%)
- Black (36%)





- Cyan (36%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1769, 0.3324, 0.3245 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 29.1769, 0.3324, 0.3245 by changing the saturation by 10% instead.


 29.1769, 0.3324,
0.3245

 29.1769, 0.3324,
0.3245


298.0487, 0.3218,
0.3270


 19.2147, 0.3354,
0.3238


 58.3580, 0.3283,
0.3255

 11.8255, 0.3394,
0.3228


 78.3457, 0.3269,
0.3258

 6.6250, 0.3451,
0.3214


 102.4440, 0.3256,
0.3261

 3.2287, 0.3539,
0.3192

131.0374, 0.3246,
0.3263

 1.2523, 0.3693,
0.3153

164.5101, 0.3238,
0.3265

 0.1038, 0.7057,
0.2416

203.2467, 0.3230,

 0.0000, 0.0000,

0.3267

0.0000

247.6314, 0.3223,
0.3268

■ 29.1769, 0.3324,
0.3245

■ 29.1769, 0.3324,
0.3245

■ 24.2725, 0.3519,
0.3208

■ 34.8460, 0.3167,
0.3280

■ 20.0965, 0.3758,
0.3170

■ 41.3066, 0.3039,
0.3313

■ 16.6151, 0.4050,
0.3133

■ 48.5889, 0.2936,
0.3343

■ 13.7907, 0.4398,
0.3102

■ 56.7203, 0.2851,
0.3370

■ 11.5817, 0.4796,
0.3082

■ 65.7270, 0.2782,
0.3395

■ 9.9421, 0.5223,
0.3080

■ 75.6342, 0.2725,
0.3417

■ 8.8193, 0.5640,
0.3102

■ 85.7621, 0.2676,
0.3425

■ 8.1507, 0.5993,
0.3150

■ 86.5255, 0.2619,
0.3289

■ 7.8488, 0.6191,
0.3184

Harmonies

Analogous

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



29.1769, 0.3201, 0.3138



29.1769, 0.3324, 0.3245



29.1769, 0.3393, 0.3365

Triad

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



29.1769, 0.3324, 0.3245



29.1769, 0.3189, 0.3522



29.1769, 0.2871, 0.3106

Complementary

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



29.1769, 0.3324, 0.3245



34.4797, 0.2960, 0.3336

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.



29.1769, 0.2868, 0.3206



29.1769, 0.3324, 0.3245



29.1769, 0.3050, 0.3449

Square

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



29.1769, 0.3324, 0.3245



29.1769, 0.3314, 0.3528



29.1769, 0.2933, 0.3332



29.1769, 0.2941, 0.3058

Rectangle

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



29.1769, 0.3324, 0.3245



29.1769, 0.3399, 0.3438



29.1769, 0.2933, 0.3332



29.1769, 0.2862, 0.3134

Sweetspot

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



29.1782, 0.3324, 0.3245



61.1226, 0.3184, 0.3276



29.4493, 0.3109, 0.2977



13.5542, 0.3194, 0.3274



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



29.1782, 0.3324, 0.3245



50.0279, 0.3367, 0.3236



31.3448, 0.3341, 0.3401



7.1017, 0.3263, 0.3258



6.1051, 0.6174, 0.3175



0.1328, 0.5445, 0.2773

Inverse Universe

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



29.1782, 0.3324, 0.3245



50.0279, 0.3367, 0.3236



32.0536, 0.2933, 0.3176



7.1017, 0.3263, 0.3258



6.1051, 0.6174, 0.3175



0.1328, 0.5445, 0.2773

Previews

White Background



This preview shows how the Yxy color 29.1769, 0.3324, 0.3245 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 29.1769, 0.3324, 0.3245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

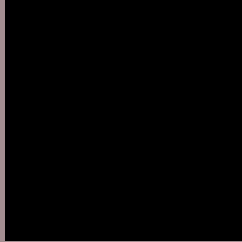
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1769, 0.3324, 0.3245

Background



This preview shows how black text looks on a background with the Yxy color 29.1769, 0.3324, 0.3245.



This preview shows how white text looks on a background with the Yxy color 29.1769, 0.3324, 0.3245.

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

29.1769, 0.3324, 0.3245

Protanopia

29.1799, 0.3149, 0.3259

Deuteranopia

29.0717, 0.3313, 0.3245



Tritanopia

29.2093, 0.3264, 0.3126

Trichromacy



Original Color

29.1769, 0.3324, 0.3245

Protanomaly

29.3259, 0.3213, 0.3259

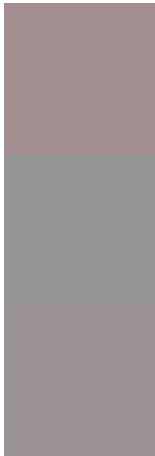
Deuteranomaly

29.0717, 0.3313, 0.3245

Tritanomaly

29.1122, 0.3295, 0.3170

Monochromacy



Original Color

29.1769, 0.3324, 0.3245

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5659, 0.3191, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1769, 0.3324, 0.3245 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(163, 142, 145)` looks like.

```
.text, #text, p{  
    color:rgb(163, 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(163, 142, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 142, 145) }
```

Border

The CSS property to change the border of an element to Yxy 29.1769, 0.3324, 0.3245 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(163, 142, 145) }
```

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

```
.border{ border-color:rgb(163, 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(163, 142, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 142, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 142, 145);  
box-shadow:4px 4px 4px 4px rgb(163, 142,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1769, 0.3324, 0.3245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 142, 145) }
```

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

```
.background{ background-color: rgb(163,  
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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