

Converting Colors

$Y_{xy}(42.9559, 0.3125, 0.3258)$

Have a look what the booklet for
Yxy(42.9559, 0.3125, 0.3258)
contains.

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Color

Yxy(43.1814, 0.3128, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B1AFB1
RGB	177, 175, 177
RGB Percent	69%, 69%, 69%
CMY	0.3060, 0.3137, 0.3058
CMYK	0.00, 0.01, 0.00, 0.31
HSL	299°, 1%, 69%
HSV	299°, 1%, 69%
XYZ	41.3949, 43.1814, 47.7602
YIQ	175.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

Format	Color
RYB	177, 175, 177
Decimal	11644849
CIELab	71.68, 1.08, -0.79
CIELCh	72, 1.338, 323.691
Yxy	43.1814, 0.3128, 0.3263
Android (android.graphics.Color)	4289834929 (0xFFB1AFB1)
YUV	175.8260, 0.5788, 1.0296
Hunter-Lab	65.7126, -2.5530, 2.9065

Details

The Yxy color **43.1814, 0.3128, 0.3263** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6702, 0.3126, 0.3317**, and the grayscale version is **43.3173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8005, 0.3129, 0.3259**, and **19.9062, 0.3128, 0.3272** is the 20% darker color. If you saturate the color by 10%, you get **36.6876, 0.3135, 0.3021**, and if you desaturate by 10%, it is **50.5824, 0.3121, 0.3495**.

Distribution



Red (69%)

Green (69%)

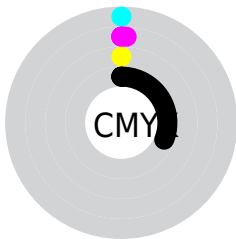
Blue (69%)



Red (69%)

Yellow (69%)

Blue (69%)



Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (31%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1814, 0.3128, 0.3263 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 43.1814, 0.3128, 0.3263 by changing the saturation by 10% instead.

 43.1814, 0.3128,
0.3263

 43.1814, 0.3128,
0.3263


359.3572, 0.3128,
0.3277

 30.0275, 0.3128,
0.3260


 79.9845, 0.3128,
0.3268

 19.8594, 0.3128,
0.3255


104.4025, 0.3128,
0.3270

 12.2929, 0.3128,
0.3249


133.3440, 0.3128,
0.3272

 6.9435, 0.3129,
0.3240

167.1933, 0.3128,
0.3273

 3.4268, 0.3129,
0.3227

206.3349, 0.3128,
0.3274

 1.3584, 0.3129,
0.3205

251.1532, 0.3128,

 0.1858, 0.3139,

0.3275

0.2874

302.0325, 0.3128,
0.3276

0.0000, 0.0000,
0.0000

43.1814, 0.3128,
0.3263

43.1814, 0.3128,
0.3263

36.6876, 0.3135,
0.3021

50.5824, 0.3121,
0.3495

31.0607, 0.3142,
0.2773

58.9181, 0.3113,
0.3712

26.2652, 0.3148,
0.2527

68.2216, 0.3106,
0.3915

22.2616, 0.3153,
0.2290

78.5227, 0.3099,
0.4100

19.0066, 0.3157,
0.2073

84.2918, 0.3097,
0.4189

■ 16.4532, 0.3159,
0.1883

■ 84.3427, 0.3100,
0.4189

■ 14.5489, 0.3159,
0.1729

■ 84.3937, 0.3102,
0.4188

■ 13.2338, 0.3157,
0.1616

■ 84.4449, 0.3105,
0.4187

■ 12.4370, 0.3154,
0.1545

■ 84.4963, 0.3107,
0.4187

Harmonies

Analogous

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



43.1814, 0.3109, 0.3257



43.1814, 0.3128, 0.3263



43.1814, 0.3147, 0.3276

Triad

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



43.1814, 0.3128, 0.3263



43.1814, 0.3159, 0.3320



43.1814, 0.3094, 0.3288

Complementary

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



43.1814, 0.3128, 0.3263



43.6702, 0.3126, 0.3317

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.



43.1814, 0.3108, 0.3305



43.1814, 0.3128, 0.3263



43.1814, 0.3145, 0.3323

Square

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



43.1814, 0.3128, 0.3263



43.1814, 0.3165, 0.3309



43.1814, 0.3126, 0.3318



43.1814, 0.3090, 0.3271

Rectangle

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



43.1814, 0.3128, 0.3263



43.1814, 0.3157, 0.3287



43.1814, 0.3126, 0.3318



43.1814, 0.3098, 0.3293

Sweetspot

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



43.1833, 0.3128, 0.3263



78.7412, 0.3127, 0.3290



42.9802, 0.3111, 0.3264



17.0645, 0.3127, 0.3290



89.0005, 0.3127, 0.3290

Same Dimension

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



43.1833, 0.3128, 0.3263



77.4668, 0.3128, 0.3266



43.1516, 0.3136, 0.3276



9.8989, 0.3128, 0.3268



8.7193, 0.3150, 0.1509



0.2776, 0.3168, 0.1519

Inverse Universe

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



43.1111, 0.3145, 0.3289



77.3512, 0.3143, 0.3289



43.7016, 0.3118, 0.3304



9.8854, 0.3141, 0.3290



6.7804, 0.6369, 0.3282



0.2144, 0.6236, 0.3209

Previews

White Background



This preview shows how the Yxy color 43.1814, 0.3128, 0.3263 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 43.1814, 0.3128, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

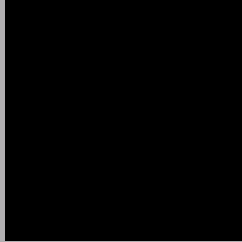
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

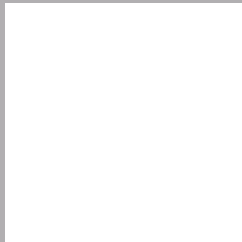
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1814, 0.3128, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 43.1814, 0.3128, 0.3263.

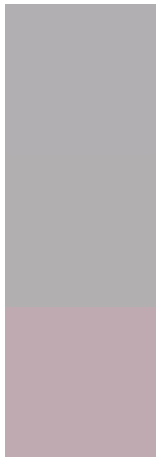


This preview shows how white text looks on a background with the Yxy color 43.1814, 0.3128, 0.3263.

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

43.1814, 0.3128, 0.3263

Protanopia

43.2992, 0.3137, 0.3263

Deuteranopia

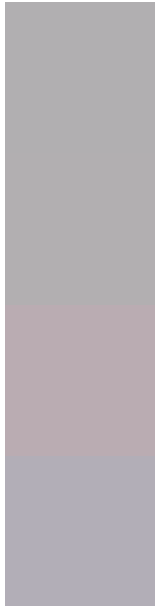
43.0402, 0.3250, 0.3187



Tritanopia

43.0587, 0.3066, 0.3106

Trichromacy



Original Color

43.1814, 0.3128, 0.3263

Protanomaly

43.2992, 0.3137, 0.3263

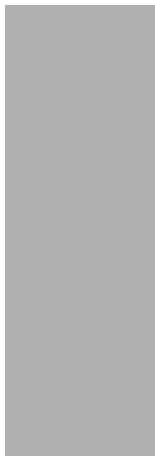
Deuteranomaly

43.1585, 0.3203, 0.3212

Tritanomaly

43.1560, 0.3089, 0.3171

Monochromacy



Original Color

43.1814, 0.3128, 0.3263

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4154, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1814, 0.3128, 0.3263 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(177, 175, 177)` looks like.

```
.text, #text, p{  
    color:rgb(177, 175, 177)  
}
```

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(177, 175, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 175, 177) }
```

Border

The CSS property to change the border of an element to Yxy 43.1814, 0.3128, 0.3263 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(177, 175, 177) }
```

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

```
.border{ border-color:rgb(177, 175, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 175, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 175, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 175, 177);  
box-shadow:4px 4px 4px 4px rgb(177, 175,  
177) }
```

Background

The CSS property to change the background color of an element to Yxy 43.1814, 0.3128, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 175, 177) }
```

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

```
.background{ background-color: rgb(177,  
175, 177) }
```

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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