

Converting Colors

$Y_{xy}(44.2518, 0.3139, 0.3314)$

Have a look what the booklet for
Yxy(44.2518, 0.3139, 0.3314)
contains.

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Color

Yxy(44.3225, 0.3135, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	B1B2B0
RGB	177, 178, 176
RGB Percent	69%, 70%, 69%
CMY	0.3058, 0.3020, 0.3099
CMYK	0.01, 0.00, 0.01, 0.30
HSL	89°, 1%, 69%
HSV	89°, 1%, 70%
XYZ	41.8906, 44.3225, 47.4092
YIQ	177.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

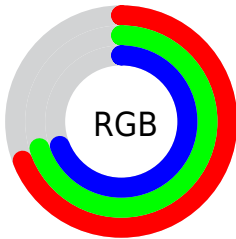
Format	Color
RYB	176, 178, 177
Decimal	11645616
CIELab	72.44, -0.72, 0.90
CIElCh	72, 1.150, 128.436
Yxy	44.3225, 0.3135, 0.3317
Android (android.graphics.Color)	4289835696 (0xFFB1B2B0)
YUV	177.4730, -0.7262, -0.4148
Hunter-Lab	66.5751, -4.1903, 4.3813

Details

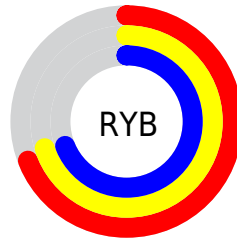
The Yxy color **44.3225, 0.3135, 0.3317** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.5976, 0.3119, 0.3263**, and the grayscale version is **44.2340, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9955, 0.3133, 0.3311**, and **20.4076, 0.3126, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **42.6899, 0.3204, 0.3567**, and if you desaturate by 10%, it is **46.1146, 0.3067, 0.3089**.

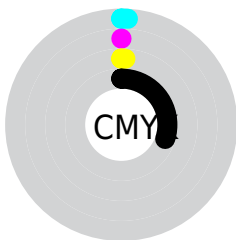
Distribution



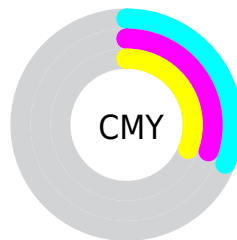
- Red (69%)
- Green (70%)
- Blue (69%)



- Red (69%)
- Yellow (70%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (31%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3225, 0.3135, 0.3317 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 44.3225, 0.3135, 0.3317 by changing the saturation by 10% instead.

■ 44.3225, 0.3135,
0.3317

■ 44.3225, 0.3135,
0.3317

364.0227, 0.3131,
0.3303

■ 30.9241, 0.3136,
0.3320

■ 81.7028, 0.3134,
0.3312

■ 20.5411, 0.3137,
0.3325

106.4535, 0.3133,
0.3310

■ 12.7890, 0.3139,
0.3331

135.7572, 0.3133,
0.3309

■ 7.2834, 0.3141,
0.3339

169.9981, 0.3132,
0.3307

■ 3.6400, 0.3145,
0.3352

209.5607, 0.3132,
0.3306

■ 1.4743, 0.3151,
0.3374

254.8294, 0.3132,

■ 0.2705, 0.3231,

0.3305

0.3647

306.1886, 0.3131,
0.3304

0.0000, 0.0000,
0.0000

44.3225, 0.3135,
0.3317

44.3225, 0.3135,
0.3317

42.6899, 0.3204,
0.3567

46.1146, 0.3067,
0.3089

41.2062, 0.3273,
0.3836

48.0650, 0.3001,
0.2882

39.8686, 0.3337,
0.4121

50.1798, 0.2939,
0.2697

38.6716, 0.3394,
0.4414

52.4632, 0.2880,
0.2531

37.6096, 0.3440,
0.4705

54.2597, 0.2891,
0.2473

■ 36.6765, 0.3470,
0.4982

■ 55.6312, 0.2957,
0.2488

■ 35.8655, 0.3480,
0.5231

■ 57.0722, 0.3023,
0.2503

■ 35.1692, 0.3469,
0.5436

■ 58.5839, 0.3089,
0.2519

■ 34.5788, 0.3435,
0.5589

■ 60.1671, 0.3156,
0.2535

Harmonies

Analogous

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



44.3225, 0.3149, 0.3318



44.3225, 0.3135, 0.3317



44.3225, 0.3118, 0.3309

Triad

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



44.3225, 0.3135, 0.3317



44.3225, 0.3097, 0.3269



44.3225, 0.3150, 0.3285

Complementary

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



44.3225, 0.3135, 0.3317



43.5976, 0.3119, 0.3263

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.



44.3225, 0.3136, 0.3272



44.3225, 0.3135, 0.3317



44.3225, 0.3105, 0.3263

Square

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



44.3225, 0.3135, 0.3317



44.3225, 0.3096, 0.3281



44.3225, 0.3119, 0.3264



44.3225, 0.3158, 0.3299

Rectangle

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



44.3225, 0.3135, 0.3317



44.3225, 0.3109, 0.3300



44.3225, 0.3119, 0.3264



44.3225, 0.3146, 0.3280

Sweetspot

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



44.3244, 0.3135, 0.3317



80.7346, 0.3127, 0.3290



44.0117, 0.3144, 0.3303



17.8868, 0.3127, 0.3290



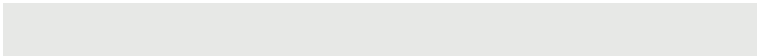
91.1408, 0.3127, 0.3290

Same Dimension

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



44.3244, 0.3135, 0.3317



80.4170, 0.3134, 0.3314



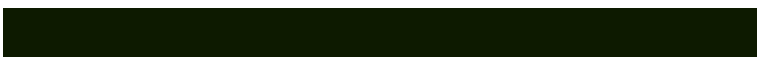
44.2096, 0.3126, 0.3317



10.0119, 0.3134, 0.3312



24.4578, 0.3401, 0.5682



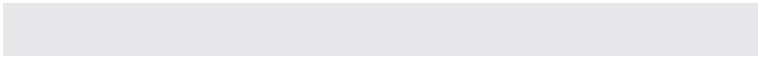
0.8041, 0.3616, 0.5511

Inverse Universe

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



43.5976, 0.3119, 0.3263



79.2357, 0.3120, 0.3266



43.7131, 0.3128, 0.3263



9.8771, 0.3121, 0.3268



3.7437, 0.2002, 0.0877



0.1526, 0.2322, 0.1053

Previews

White Background



This preview shows how the Yxy color 44.3225, 0.3135, 0.3317 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 44.3225, 0.3135, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

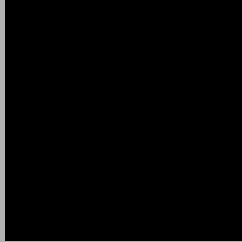
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

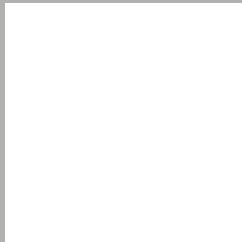
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3225, 0.3135, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 44.3225, 0.3135, 0.3317.



This preview shows how white text looks on a background with the Yxy color 44.3225, 0.3135, 0.3317.

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

44.3225, 0.3135, 0.3317

Protanopia

44.3632, 0.3179, 0.3317

Deuteranopia

44.2815, 0.3293, 0.3227



Tritanopia

44.3521, 0.3041, 0.3107

Trichromacy



Original Color

44.3225, 0.3135, 0.3317

Protanomaly

44.2427, 0.3170, 0.3317

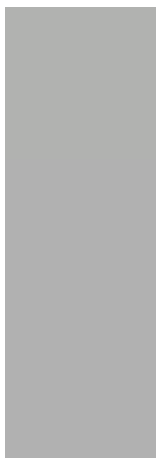
Deuteranomaly

44.1378, 0.3227, 0.3251

Tritanomaly

44.4120, 0.3072, 0.3184

Monochromacy



Original Color

44.3225, 0.3135, 0.3317

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9657, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3225, 0.3135, 0.3317 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, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(177, 178, 176)  
}
```

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, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 178, 176) }
```

Border

The CSS property to change the border of an element to Yxy 44.3225, 0.3135, 0.3317 is called "border". The border property can be set on classes, ids or directly on the HTML element.

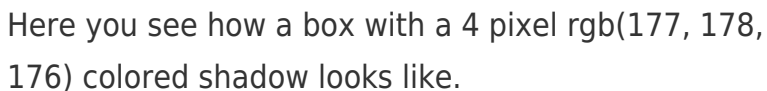
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 178, 176) }
```

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

```
.border{ border-color:rgb(177, 178, 176) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(177, 178,  
176) }
```

Background

The CSS property to change the background color of an element to Yxy 44.3225, 0.3135, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 178, 176) }
```

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

```
.background{ background-color: rgb(177,  
178, 176) }
```

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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