

Converting Colors

$Y_{xy}(42.1708, 0.3108, 0.3240)$

Have a look what the booklet for
Yxy(42.1708, 0.3108, 0.3240)
contains.

Yxy(42.0601, 0.3103, 0.3236)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.0601, 0.3103, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	AEADB1
RGB	174, 173, 177
RGB Percent	68%, 68%, 69%
CMY	0.3177, 0.3215, 0.3059
CMYK	0.02, 0.02, 0.00, 0.31
HSL	255°, 2%, 69%
HSV	255°, 2%, 69%
XYZ	40.3314, 42.0601, 47.5841
YIQ	173.7550, -0.6880, 1.4560

Conversions

Conversions Part 2

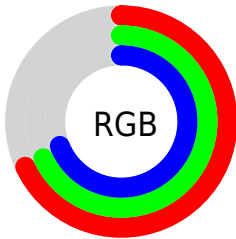
Format	Color
RYB	174, 173, 177
Decimal	11447729
CIELab	70.91, 1.10, -1.93
CIElCh	71, 2.219, 299.840
Yxy	42.0601, 0.3103, 0.3236
Android (android.graphics.Color)	4289637809 (0xFFAEADB1)
YUV	173.7550, 1.5998, 0.2149
Hunter-Lab	64.8538, -2.4880, 1.8958

Details

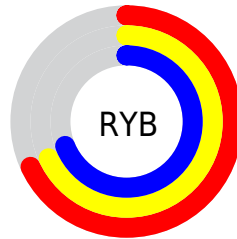
The Yxy color **42.0601, 0.3103, 0.3236** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.6921, 0.3151, 0.3344**, and the grayscale version is **42.1866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0280, 0.3102, 0.3238**, and **19.2676, 0.3105, 0.3234** is the 20% darker color. If you saturate the color by 10%, you get **34.2567, 0.2986, 0.2979**, and if you desaturate by 10%, it is **50.9193, 0.3204, 0.3465**.

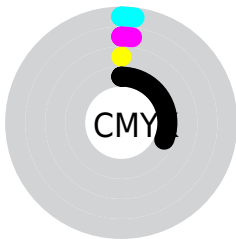
Distribution



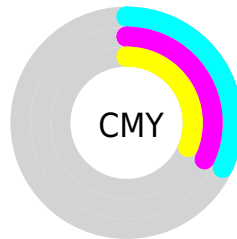
- Red (68%)
- Green (68%)
- Blue (69%)



- Red (68%)
- Yellow (68%)
- Blue (69%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (31%)



- Cyan (32%)
- Magenta (32%)
- Yellow (31%)
- Black (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0601, 0.3103, 0.3236 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 42.0601, 0.3103, 0.3236 by changing the saturation by 10% instead.

■ 42.0601, 0.3103,
0.3236

■ 42.0601, 0.3103,
0.3236

354.7320, 0.3115,
0.3264

■ 29.1484, 0.3100,
0.3229

■ 78.2906, 0.3108,
0.3246

■ 19.1931, 0.3096,
0.3220

102.3781, 0.3109,
0.3250

■ 11.8099, 0.3090,
0.3208

130.9597, 0.3111,
0.3253

■ 6.6144, 0.3082,
0.3190

164.4197, 0.3112,
0.3256

■ 3.2221, 0.3070,
0.3164

203.1425, 0.3113,
0.3258

■ 1.2488, 0.3048,
0.3117

247.5126, 0.3114,

■ 0.1010, 0.2624,

0.3260

0.2156

297.9143, 0.3115,
0.3262

0.0000, 0.0000,
0.0000

42.0601, 0.3103,
0.3236

42.0601, 0.3103,
0.3236

34.2567, 0.2986,
0.2979

50.9193, 0.3204,
0.3465

27.4642, 0.2851,
0.2696

60.8663, 0.3291,
0.3668

21.6424, 0.2699,
0.2389

71.9386, 0.3365,
0.3846

16.7462, 0.2533,
0.2067

84.1700, 0.3427,
0.4003

12.7270, 0.2356,
0.1741

93.3706, 0.3495,
0.4083

■ 9.5317, 0.2176,
0.1429

■ 95.8098, 0.3586,
0.4058

■ 7.1012, 0.2003,
0.1149

■ 95.9541, 0.3591,
0.4057

■ 5.3684, 0.1848,
0.0923

■ 4.2539, 0.1720,
0.0763

Harmonies

Analogous

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



42.0601, 0.3077, 0.3238



42.0601, 0.3103, 0.3236



42.0601, 0.3135, 0.3248

Triad

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



42.0601, 0.3103, 0.3236



42.0601, 0.3190, 0.3326



42.0601, 0.3089, 0.3309

Complementary

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



42.0601, 0.3103, 0.3236



43.6921, 0.3151, 0.3344

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.



42.0601, 0.3119, 0.3333



42.0601, 0.3103, 0.3236



42.0601, 0.3177, 0.3343

Square

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



42.0601, 0.3103, 0.3236



42.0601, 0.3185, 0.3300



42.0601, 0.3151, 0.3345



42.0601, 0.3070, 0.3280

Rectangle

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



42.0601, 0.3103, 0.3236



42.0601, 0.3156, 0.3263



42.0601, 0.3151, 0.3345



42.0601, 0.3098, 0.3318

Sweetspot

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



42.0619, 0.3103, 0.3236



77.1912, 0.3116, 0.3266



43.1355, 0.3093, 0.3277



16.7468, 0.3117, 0.3267



89.0005, 0.3127, 0.3290



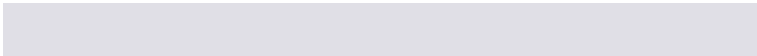
17.0645, 0.3127, 0.3290

Same Dimension

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



42.0619, 0.3103, 0.3236



74.1497, 0.3094, 0.3217



42.2873, 0.3120, 0.3236



9.3348, 0.3087, 0.3200



2.7002, 0.1651, 0.0683



0.1126, 0.1950, 0.0848

Inverse Universe

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



42.3729, 0.3138, 0.3250



74.9016, 0.3142, 0.3235



43.4666, 0.3134, 0.3344



9.4517, 0.3145, 0.3223



8.0245, 0.3930, 0.1939



0.2610, 0.3691, 0.1807

Previews

White Background



This preview shows how the Yxy color 42.0601, 0.3103, 0.3236 looks on a white background.

Color Contrast Check

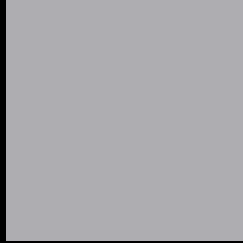
Large Text (above 18pt) WCAG AA × Fail

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 42.0601, 0.3103, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

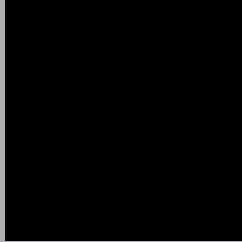
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

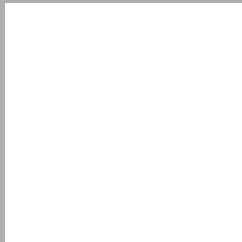
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0601, 0.3103, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 42.0601, 0.3103, 0.3236.



This preview shows how white text looks on a background with the Yxy color 42.0601, 0.3103, 0.3236.

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

42.0601, 0.3103, 0.3236

Protanopia

42.2916, 0.3121, 0.3236

Deuteranopia

41.9110, 0.3225, 0.3160



Tritanopia

42.1218, 0.3047, 0.3116

Trichromacy



Original Color

42.0601, 0.3103, 0.3236

Protanomaly

42.1754, 0.3112, 0.3236

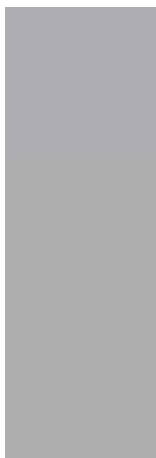
Deuteranomaly

42.0311, 0.3177, 0.3184

Tritanomaly

41.9964, 0.3071, 0.3156

Monochromacy



Original Color

42.0601, 0.3103, 0.3236

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3659, 0.3119, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0601, 0.3103, 0.3236 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(174, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 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(174, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 177) }
```

Border

The CSS property to change the border of an element to Yxy 42.0601, 0.3103, 0.3236 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(174, 173, 177) }
```

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

```
.border{ border-color:rgb(174, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0601, 0.3103, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 177) }
```

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

```
.background{ background-color: rgb(174,  
173, 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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