

Converting Colors

$Yxy(42.2117, 0.3227, 0.3390)$

Have a look what the booklet for
Yxy(42.2117, 0.3227, 0.3390)
contains.

Yxy(42.1053, 0.3231, 0.3385)	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(42.1053, 0.3231, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	B2ADA6
RGB	178, 173, 166
RGB Percent	70%, 68%, 65%
CMY	0.3019, 0.3216, 0.3490
CMYK	0.00, 0.03, 0.07, 0.30
HSL	35°, 7%, 67%
HSV	35°, 7%, 70%
XYZ	40.1897, 42.1053, 42.0929
YIQ	173.6970, 5.2270, -1.1170

Conversions

Conversions Part 2

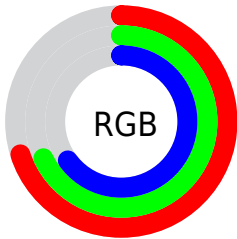
Format	Color
RYB	175, 178, 166
Decimal	11709862
CIELab	70.94, 0.53, 4.21
CIELCh	71, 4.240, 82.825
Yxy	42.1053, 0.3231, 0.3385
Android (android.graphics.Color)	4289899942 (0xFFB2ADA6)
YUV	173.6970, -3.7946, 3.7737
Hunter-Lab	64.8886, -2.9984, 6.9609

Details

The Yxy color **42.1053, 0.3231, 0.3385** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.4609, 0.3025, 0.3193**, and the grayscale version is **42.1839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1997, 0.3214, 0.3364**, and **19.2496, 0.3259, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **38.7241, 0.3401, 0.3533**, and if you desaturate by 10%, it is **45.7395, 0.3080, 0.3245**.

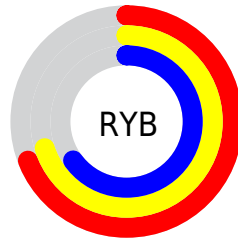
Distribution



Red (70%)

Green (68%)

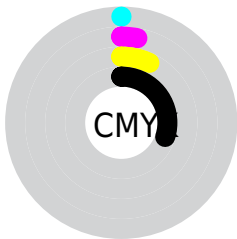
Blue (65%)



Red (69%)

Yellow (70%)

Blue (65%)

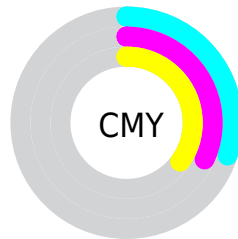


Cyan (0%)

Magenta (3%)

Yellow (7%)

Black (30%)



Cyan (30%)


Magenta (32%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1053, 0.3231, 0.3385 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 42.1053, 0.3231, 0.3385 by changing the saturation by 10% instead.


 42.1053, 0.3231,
0.3385

 42.1053, 0.3231,
0.3385

354.9193, 0.3178,
0.3337

 29.1838, 0.3245,
0.3397

 78.3590, 0.3212,
0.3367

 19.2199, 0.3262,
0.3413


 102.4599, 0.3204,
0.3361

 11.8293, 0.3286,
0.3435


131.0560, 0.3198,
0.3355

 6.6275, 0.3320,
0.3465

164.5318, 0.3193,
0.3350

 3.2303, 0.3372,
0.3512

203.2716, 0.3189,
0.3346

 1.2531, 0.3463,
0.3594

247.6599, 0.3185,

 0.1044, 0.5179,

0.3343

0.4821

298.0810, 0.3181,
0.3340

0.0000, 0.0000,
0.0000

42.1053, 0.3231,
0.3385

42.1053, 0.3231,
0.3385

38.7241, 0.3401,
0.3533

45.7395, 0.3080,
0.3245

35.5841, 0.3590,
0.3685

49.6272, 0.2946,
0.3115

32.6807, 0.3799,
0.3839

53.7759, 0.2828,
0.2995

30.0067, 0.4023,
0.3987

58.1912, 0.2725,
0.2884

27.5550, 0.4259,
0.4120

62.8768, 0.2633,
0.2782

■ 25.3175, 0.4497,
0.4228

■ 66.6408, 0.2643,
0.2869

■ 23.2854, 0.4726,
0.4299

■ 70.5778, 0.2653,
0.2955

■ 21.4492, 0.4934,
0.4322

■ 74.6902, 0.2663,
0.3040

■ 19.7963, 0.5110,
0.4295

■ 78.9799, 0.2672,
0.3124

Harmonies

Analogous

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



42.1053, 0.3248, 0.3348



42.1053, 0.3231, 0.3385



42.1053, 0.3186, 0.3397

Triad

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



42.1053, 0.3231, 0.3385



42.1053, 0.3024, 0.3283



42.1053, 0.3127, 0.3203

Complementary

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



42.1053, 0.3231, 0.3385



40.4609, 0.3025, 0.3193

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.



42.1053, 0.3068, 0.3185



42.1053, 0.3231, 0.3385



42.1053, 0.3008, 0.3231

Square

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



42.1053, 0.3231, 0.3385



42.1053, 0.3067, 0.3338



42.1053, 0.3024, 0.3195



42.1053, 0.3188, 0.3243

Rectangle

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



42.1053, 0.3231, 0.3385



42.1053, 0.3147, 0.3388



42.1053, 0.3024, 0.3195



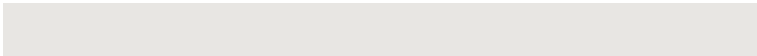
42.1053, 0.3107, 0.3194

Sweetspot

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



42.1071, 0.3231, 0.3385



79.3880, 0.3158, 0.3318



39.6936, 0.3194, 0.3220



17.6041, 0.3156, 0.3317



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



42.1071, 0.3231, 0.3385



75.4613, 0.3254, 0.3405



43.9717, 0.3218, 0.3452



9.2994, 0.3273, 0.3422



13.9268, 0.5151, 0.4292



0.5503, 0.4818, 0.4556

Inverse Universe

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



40.4609, 0.3025, 0.3193



71.8899, 0.3004, 0.3172



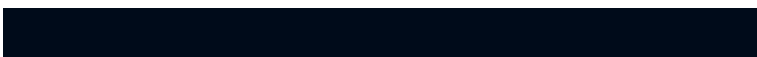
38.6890, 0.3033, 0.3123



8.7943, 0.2985, 0.3154



5.9601, 0.1706, 0.1342



0.3039, 0.1864, 0.1909

Previews

White Background



This preview shows how the Yxy color 42.1053, 0.3231, 0.3385 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 42.1053, 0.3231, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

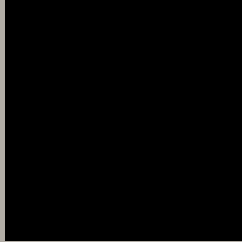
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

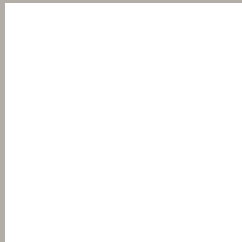
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.1053, 0.3231, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 42.1053, 0.3231, 0.3385.



This preview shows how white text looks on a background with the Yxy color 42.1053, 0.3231, 0.3385.

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

42.1053, 0.3231, 0.3385

Protanopia

42.1053, 0.3231, 0.3385

Deuteranopia

42.1327, 0.3369, 0.3304



Tritanopia

42.0339, 0.3109, 0.3105

Trichromacy



Original Color

42.1053, 0.3231, 0.3385

Protanomaly

42.1053, 0.3231, 0.3385

Deuteranomaly

42.2308, 0.3319, 0.3330

Tritanomaly

42.0034, 0.3158, 0.3210

Monochromacy



Original Color

42.1053, 0.3231, 0.3385

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.3263, 0.3161, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1053, 0.3231, 0.3385 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(178, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(178, 173, 166)  
}
```

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(178, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 173, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.1053, 0.3231, 0.3385 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(178, 173, 166) }
```

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

```
.border{ border-color:rgb(178, 173, 166) }
```

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

Here you see how a box with a 4 pixel rgb(178, 173, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(178, 173,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1053, 0.3231, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 173, 166) }
```

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

```
.background{ background-color: rgb(178,  
173, 166) }
```

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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