

Converting Colors

$Yxy(42.5813, 0.3084, 0.3236)$

Have a look what the booklet for
Yxy(42.5813, 0.3084, 0.3236)
contains.

Yxy(42.3707, 0.3086, 0.3236)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.3707, 0.3086, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	ADAEB2
RGB	173, 174, 178
RGB Percent	68%, 68%, 70%
CMY	0.3215, 0.3176, 0.3020
CMYK	0.03, 0.02, 0.00, 0.30
HSL	228°, 3%, 69%
HSV	228°, 3%, 70%
XYZ	40.4067, 42.3707, 48.1580
YIQ	174.1570, -1.8800, 1.0320

Conversions

Conversions Part 2

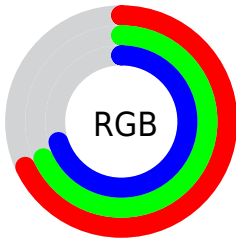
Format	Color
RYB	173, 174, 178
Decimal	11382450
CIELab	71.13, 0.42, -2.16
CIELCh	71, 2.205, 280.925
Yxy	42.3707, 0.3086, 0.3236
Android (android.graphics.Color)	4289572530 (0xFFADAEB2)
YUV	174.1570, 1.8946, -1.0147
Hunter-Lab	65.0928, -3.1076, 1.7000

Details

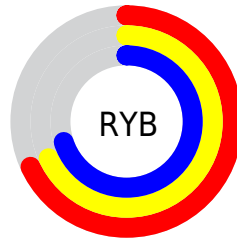
The Yxy color $42.3707, 0.3086, 0.3236$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $43.9243, 0.3168, 0.3343$, and the grayscale version is $42.4047, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4731, 0.3089, 0.3238$, and $19.4647, 0.3081, 0.3234$ is the 20% darker color. If you saturate the color by 10%, you get $35.2519, 0.2929, 0.3026$, and if you desaturate by 10%, it is $50.3493, 0.3228, 0.3421$.

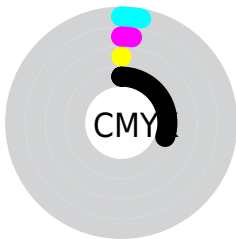
Distribution



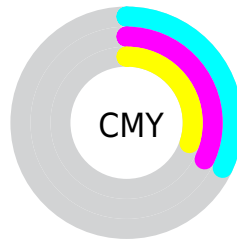
- Red (68%)
- Green (68%)
- Blue (70%)



- Red (68%)
- Yellow (68%)
- Blue (70%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (30%)



- Cyan (32%)
- Magenta (32%)
- Yellow (30%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3707, 0.3086, 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 42.3707, 0.3086, 0.3236 by changing the saturation by 10% instead.

■ 42.3707, 0.3086,
0.3236

■ 42.3707, 0.3086,
0.3236

356.0173, 0.3107,
0.3264

■ 29.3917, 0.3081,
0.3229

■ 78.7604, 0.3094,
0.3246

■ 19.3773, 0.3074,
0.3220

102.9398, 0.3097,
0.3250

■ 11.9432, 0.3064,
0.3208

131.6214, 0.3099,
0.3253

■ 6.7050, 0.3051,
0.3190

165.1897, 0.3101,
0.3256

■ 3.2783, 0.3030,
0.3164

204.0291, 0.3103,
0.3258

■ 1.2787, 0.2995,
0.3117

248.5239, 0.3104,

■ 0.1246, 0.2381,

0.3260

0.2306

299.0585, 0.3106,
0.3262

0.0000, 0.0000,
0.0000

42.3707, 0.3086,
0.3236

42.3707, 0.3086,
0.3236

35.2519, 0.2929,
0.3026

50.3493, 0.3228,
0.3421

28.9588, 0.2758,
0.2791

59.2098, 0.3356,
0.3582

23.4626, 0.2575,
0.2531

68.9801, 0.3470,
0.3722

18.7310, 0.2384,
0.2250

79.6854, 0.3571,
0.3844

14.7294, 0.2192,
0.1956

89.9961, 0.3611,
0.3961

■ 11.4205, 0.2008,
0.1659

■ 95.9936, 0.3585,
0.4047

■ 8.7635, 0.1842,
0.1376

■ 6.7130, 0.1706,
0.1123

■ 5.2175, 0.1606,
0.0915

Harmonies

Analogous

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



42.3707, 0.3068, 0.3247



42.3707, 0.3086, 0.3236



42.3707, 0.3115, 0.3239

Triad

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



42.3707, 0.3086, 0.3236



42.3707, 0.3188, 0.3310



42.3707, 0.3108, 0.3324

Complementary

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



42.3707, 0.3086, 0.3236



43.9243, 0.3168, 0.3343

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.



42.3707, 0.3140, 0.3342



42.3707, 0.3086, 0.3236



42.3707, 0.3186, 0.3333

Square

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



42.3707, 0.3086, 0.3236



42.3707, 0.3174, 0.3282



42.3707, 0.3169, 0.3345



42.3707, 0.3081, 0.3298

Rectangle

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



42.3707, 0.3086, 0.3236



42.3707, 0.3136, 0.3249



42.3707, 0.3169, 0.3345



42.3707, 0.3118, 0.3332

Sweetspot

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



42.3725, 0.3086, 0.3236



79.3064, 0.3112, 0.3271



43.8938, 0.3092, 0.3303



17.5869, 0.3113, 0.3272



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.



42.3725, 0.3086, 0.3236



76.4983, 0.3082, 0.3231



42.1646, 0.3100, 0.3223



9.4064, 0.3072, 0.3217



3.2445, 0.1559, 0.0813



0.1820, 0.1698, 0.1311

Inverse Universe

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



42.4128, 0.3163, 0.3277



76.5792, 0.3167, 0.3276



44.1391, 0.3154, 0.3357



9.4190, 0.3176, 0.3272



6.8677, 0.6049, 0.3106



0.2242, 0.5312, 0.2700

Previews

White Background



This preview shows how the Yxy color 42.3707, 0.3086, 0.3236 looks on a white background.

Color Contrast Check

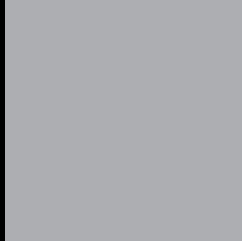
Large Text (above 18pt) WCAG AA × Fail

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 42.3707, 0.3086, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

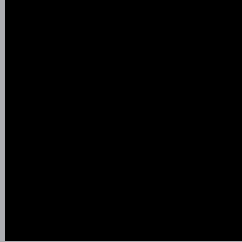
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

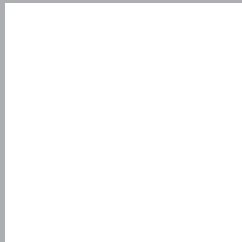
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3707, 0.3086, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 42.3707, 0.3086, 0.3236.



This preview shows how white text looks on a background with the Yxy color 42.3707, 0.3086, 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

42.3707, 0.3086, 0.3236

Protanopia

42.2916, 0.3121, 0.3236

Deuteranopia

42.4494, 0.3224, 0.3160



Tritanopia

42.4310, 0.3030, 0.3116

Trichromacy



Original Color

42.3707, 0.3086, 0.3236

Protanomaly

42.1754, 0.3112, 0.3236

Deuteranomaly

42.4478, 0.3168, 0.3185

Tritanomaly

42.3047, 0.3054, 0.3156

Monochromacy



Original Color

42.3707, 0.3086, 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 42.3707, 0.3086, 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(173, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 174, 178)  
}
```

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(173, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 174, 178) }
```

Border

The CSS property to change the border of an element to Yxy 42.3707, 0.3086, 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(173, 174, 178) }
```

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

```
.border{ border-color:rgb(173, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(173, 174,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3707, 0.3086, 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(173, 174, 178) }
```

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

```
.background{ background-color: rgb(173,  
174, 178) }
```

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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