

Converting Colors

$Y_{xy}(47.3573, 0.3095, 0.3251)$

Have a look what the booklet for
Yxy(47.3573, 0.3095, 0.3251)
contains.

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Color

Yxy(47.3572, 0.3095, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	B6B7BA
RGB	182, 183, 186
RGB Percent	71%, 72%, 73%
CMY	0.2864, 0.2823, 0.2705
CMYK	0.02, 0.02, 0.00, 0.27
HSL	225°, 3%, 72%
HSV	225°, 2%, 73%
XYZ	45.0848, 47.3572, 53.2277
YIQ	183.0430, -1.5590, 0.7210

Conversions

Conversions Part 2

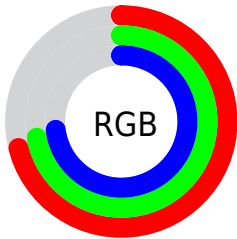
Format	Color
RYB	182, 183, 186
Decimal	11974586
CIELab	74.42, 0.21, -1.66
CIELCh	74, 1.672, 277.249
Yxy	47.3572, 0.3095, 0.3251
Android (android.graphics.Color)	4290164666 (0xFFB6B7BA)
YUV	183.0430, 1.4578, -0.9147
Hunter-Lab	68.8166, -3.4858, 2.3124

Details

The Yxy color $47.3572, 0.3095, 0.3251$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.5085, 0.3159, 0.3329$, and the grayscale version is $47.3709, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.3210, 0.3102, 0.3260$, and $22.3258, 0.3084, 0.3237$ is the 20% darker color. If you saturate the color by 10%, you get $39.8103, 0.2939, 0.3057$, and if you desaturate by 10%, it is $55.7706, 0.3238, 0.3422$.

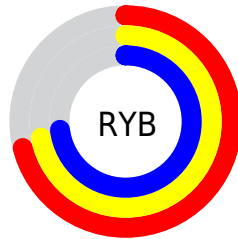
Distribution



Red (71%)

Green (72%)

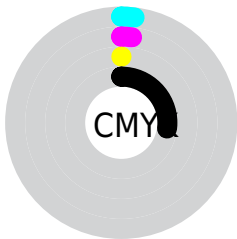
Blue (73%)



Red (71%)

Yellow (72%)

Blue (73%)

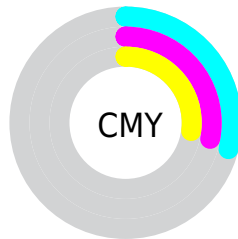


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (27%)



Cyan (29%)

Magenta (28%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3572, 0.3095, 0.3251 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 47.3572, 0.3095, 0.3251 by changing the saturation by 10% instead.

■ 47.3572, 0.3095,
0.3251

■ 47.3572, 0.3095,
0.3251

376.2385, 0.3111,
0.3271

■ 33.3181, 0.3091,
0.3246

■ 86.2466, 0.3101,
0.3258

■ 22.3703, 0.3086,
0.3240

111.8656, 0.3103,
0.3261

■ 14.1292, 0.3079,
0.3232

142.1135, 0.3105,
0.3263

■ 8.2106, 0.3069,
0.3220

177.3746, 0.3106,
0.3265

■ 4.2300, 0.3055,
0.3203

218.0332, 0.3108,
0.3267

■ 1.8030, 0.3031,
0.3174

264.4738, 0.3109,

■ 0.4891, 0.2924,

0.3268

0.3042

317.0808, 0.3110,
0.3269

0.0000, 0.0000,
0.0000

47.3572, 0.3095,
0.3251

47.3572, 0.3095,
0.3251

39.8103, 0.2939,
0.3057

55.7706, 0.3238,
0.3422

33.0960, 0.2770,
0.2840

65.0711, 0.3367,
0.3571

27.1868, 0.2591,
0.2600

75.2861, 0.3483,
0.3701

22.0516, 0.2405,
0.2340

86.1768, 0.3578,
0.3816

17.6570, 0.2219,
0.2065

94.5669, 0.3544,
0.3944

■ 13.9673, 0.2041,
0.1785

■ 96.3259, 0.3538,
0.3969

■ 10.9432, 0.1879,
0.1511

■ 8.5415, 0.1744,
0.1259

■ 6.7131, 0.1642,
0.1041

Harmonies

Analogous

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



47.3572, 0.3083, 0.3260



47.3572, 0.3095, 0.3251



47.3572, 0.3115, 0.3252

Triad

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



47.3572, 0.3095, 0.3251



47.3572, 0.3171, 0.3303



47.3572, 0.3116, 0.3317

Complementary

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



47.3572, 0.3095, 0.3251



48.5085, 0.3159, 0.3329

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.



47.3572, 0.3139, 0.3329



47.3572, 0.3095, 0.3251



47.3572, 0.3171, 0.3320

Square

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



47.3572, 0.3095, 0.3251



47.3572, 0.3159, 0.3282



47.3572, 0.3160, 0.3330



47.3572, 0.3095, 0.3299

Rectangle

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



47.3572, 0.3095, 0.3251



47.3572, 0.3131, 0.3259



47.3572, 0.3160, 0.3330



47.3572, 0.3123, 0.3322

Sweetspot

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



47.3592, 0.3095, 0.3251



87.5048, 0.3112, 0.3272



48.5673, 0.3102, 0.3304



19.2867, 0.3113, 0.3273



95.5105, 0.3127, 0.3290



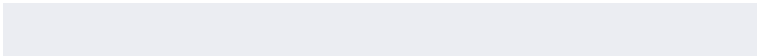
19.5994, 0.3127, 0.3290

Same Dimension

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



47.3592, 0.3095, 0.3251



84.5618, 0.3082, 0.3235



47.0495, 0.3103, 0.3238



10.0062, 0.3072, 0.3222



3.8890, 0.1589, 0.0920



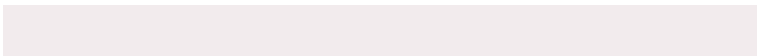
0.2399, 0.1735, 0.1444

Inverse Universe

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



47.3067, 0.3153, 0.3277



84.4333, 0.3164, 0.3271



48.8248, 0.3151, 0.3342



9.9879, 0.3173, 0.3267



7.1749, 0.5880, 0.3013



0.2633, 0.5132, 0.2601

Previews

White Background



This preview shows how the Yxy color 47.3572, 0.3095, 0.3251 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 47.3572, 0.3095, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

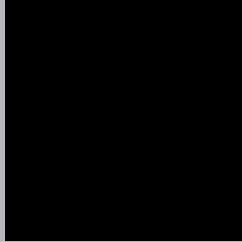
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

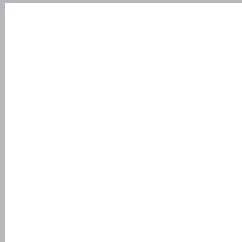
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3572, 0.3095, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 47.3572, 0.3095, 0.3251.

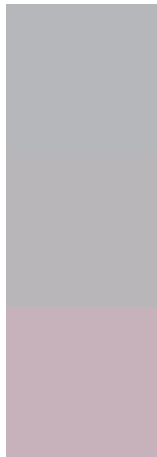


This preview shows how white text looks on a background with the Yxy color 47.3572, 0.3095, 0.3251.

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

47.3572, 0.3095, 0.3251

Protanopia

47.2730, 0.3129, 0.3251

Deuteranopia

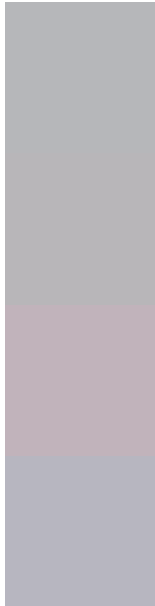
47.1743, 0.3238, 0.3166



Tritanopia

47.2236, 0.3035, 0.3099

Trichromacy



Original Color

47.3572, 0.3095, 0.3251

Protanomaly

47.1490, 0.3120, 0.3251

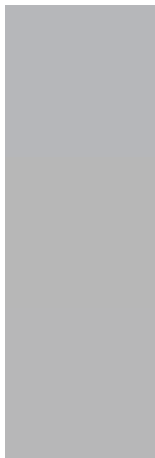
Deuteranomaly

47.1655, 0.3184, 0.3189

Tritanomaly

47.3289, 0.3058, 0.3162

Monochromacy



Original Color

47.3572, 0.3095, 0.3251

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.3949, 0.3119, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3572, 0.3095, 0.3251 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(182, 183, 186)` looks like.

```
.text, #text, p{  
    color:rgb(182, 183, 186)  
}
```

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(182, 183, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 183, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.3572, 0.3095, 0.3251 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(182, 183, 186) }
```

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

```
.border{ border-color:rgb(182, 183, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 183, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 183, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 183, 186);  
box-shadow:4px 4px 4px 4px rgb(182, 183,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3572, 0.3095, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 183, 186) }
```

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

```
.background{ background-color: rgb(182,  
183, 186) }
```

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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