

Converting Colors

Yxy(47.4572, 0.3141, 0.3105)

Have a look what the booklet for
Yxy(47.4572, 0.3141, 0.3105)
contains.

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Color

Yxy(47.6046, 0.3136, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	C2B3C2
RGB	194, 179, 194
RGB Percent	76%, 70%, 76%
CMY	0.2391, 0.2981, 0.2392
CMYK	0.00, 0.08, 0.00, 0.24
HSL	300°, 11%, 73%
HSV	300°, 8%, 76%
XYZ	48.1109, 47.6046, 57.6993
YIQ	185.1950, 4.1250, 7.8450

Conversions

Conversions Part 2

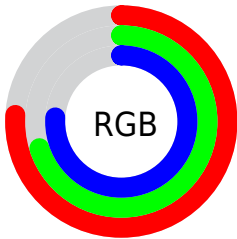
Format	Color
R_YB	194, 179, 194
Decimal	12760002
CIE Lab	74.57, 8.07, -5.68
CIE LCh	75, 9.869, 324.851
Yxy	47.6046, 0.3136, 0.3103
Android (android.graphics.Color)	4290950082 (0xFFC2B3C2)
YUV	185.1950, 4.3409, 7.7220
Hunter-Lab	68.9961, 3.7246, -1.2851

Details

The Yxy color `47.6046, 0.3136, 0.3103` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.4313, 0.3118, 0.3484`, and the grayscale version is `48.6063, 0.3127, 0.3290`.

A 20% lighter version of the original color is `86.8280, 0.3141, 0.3144`, and `22.3906, 0.3138, 0.3054` is the 20% darker color. If you saturate the color by 10%, you get `40.3686, 0.3148, 0.2856`, and if you desaturate by 10%, it is `55.9390, 0.3125, 0.3343`.

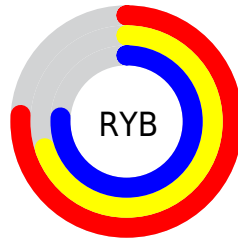
Distribution



Red (76%)

Green (70%)

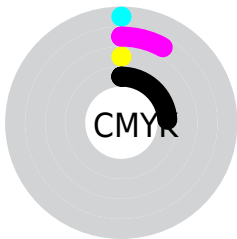
Blue (76%)



Red (76%)

Yellow (70%)

Blue (76%)

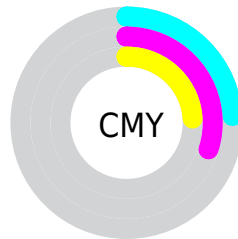


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (24%)



Cyan (24%)


Magenta (30%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6046, 0.3136, 0.3103 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 47.6046, 0.3136, 0.3103 by changing the saturation by 10% instead.

 47.6046, 0.3136,
0.3103

 47.6046, 0.3136,
0.3103

377.2227, 0.3132,
0.3195

 33.5139, 0.3137,
0.3080


 86.6154, 0.3135,
0.3136

 22.5204, 0.3138,
0.3052

112.3043, 0.3134,
0.3149

 14.2398, 0.3139,
0.3014


142.6280, 0.3134,
0.3159

 8.2876, 0.3140,
0.2962

177.9709, 0.3133,
0.3168

 4.2795, 0.3141,
0.2886

218.7174, 0.3133,
0.3176

 1.8311, 0.3141,
0.2765

265.2520, 0.3133,

 0.5065, 0.3180,

0.3183

0.2374

317.9589, 0.3132,
0.3190

0.0000, 0.0000,
0.0000

47.6046, 0.3136,
0.3103

47.6046, 0.3136,
0.3103

40.3686, 0.3148,
0.2856

55.9390, 0.3125,
0.3343

34.1793, 0.3159,
0.2609

65.4083, 0.3114,
0.3572

28.9903, 0.3171,
0.2369

76.0552, 0.3104,
0.3787

24.7489, 0.3181,
0.2147

86.8897, 0.3095,
0.3969

21.3980, 0.3191,
0.1951

86.8901, 0.3095,
0.3969

■ 18.8742, 0.3198,
0.1789

■ 86.8906, 0.3095,
0.3969

■ 17.1057, 0.3204,
0.1668

■ 86.8910, 0.3095,
0.3969

■ 16.0085, 0.3208,
0.1590

■ 86.8915, 0.3095,
0.3969

■ 15.4588, 0.3210,
0.1549

■ 86.8919, 0.3095,
0.3968

Harmonies

Analogous

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



47.6046, 0.3002, 0.3060



47.6046, 0.3136, 0.3103



47.6046, 0.3270, 0.3193

Triad

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



47.6046, 0.3136, 0.3103



47.6046, 0.3354, 0.3505



47.6046, 0.2893, 0.3263

Complementary

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



47.6046, 0.3136, 0.3103



51.4313, 0.3118, 0.3484

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.



47.6046, 0.2984, 0.3389



47.6046, 0.3136, 0.3103



47.6046, 0.3250, 0.3530

Square

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



47.6046, 0.3136, 0.3103



47.6046, 0.3398, 0.3423



47.6046, 0.3114, 0.3488



47.6046, 0.2864, 0.3149

Rectangle

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



47.6046, 0.3136, 0.3103



47.6046, 0.3341, 0.3269



47.6046, 0.3114, 0.3488



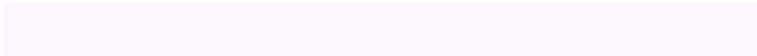
47.6046, 0.2917, 0.3306

Sweetspot

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



47.6067, 0.3136, 0.3103



94.6033, 0.3129, 0.3241



45.7181, 0.3009, 0.3095



20.7504, 0.3129, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



47.6067, 0.3136, 0.3103



84.2788, 0.3138, 0.3069



47.2779, 0.3197, 0.3196



10.2475, 0.3138, 0.3063



10.0987, 0.3210, 0.1542



0.4364, 0.3210, 0.1542

Inverse Universe

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



47.6067, 0.3136, 0.3103



84.2788, 0.3138, 0.3069



51.7434, 0.3063, 0.3386



10.2475, 0.3138, 0.3063



10.0987, 0.3210, 0.1542



0.4364, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 47.6046, 0.3136, 0.3103 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 47.6046, 0.3136, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

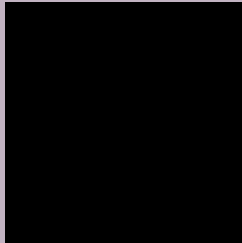
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6046, 0.3136, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 47.6046, 0.3136, 0.3103.



This preview shows how white text looks on a background with the Yxy color 47.6046, 0.3136, 0.3103.

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

47.6046, 0.3136, 0.3103

Protanopia

47.5087, 0.3027, 0.3111

Deuteranopia

47.4716, 0.3154, 0.3092



Tritanopia

47.5598, 0.3144, 0.3115

Trichromacy



Original Color

47.6046, 0.3136, 0.3103

Protanomaly

47.5527, 0.3068, 0.3113

Deuteranomaly

47.3379, 0.3145, 0.3091

Tritanomaly

47.5598, 0.3144, 0.3115

Monochromacy



Original Color

47.6046, 0.3136, 0.3103

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1892, 0.3130, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6046, 0.3136, 0.3103 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(194, 179, 194)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 194)  
}
```

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(194, 179, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 194) }
```

Border

The CSS property to change the border of an element to Yxy 47.6046, 0.3136, 0.3103 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(194, 179, 194) }
```

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

```
.border{ border-color:rgb(194, 179, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 194);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6046, 0.3136, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 194) }
```

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

```
.background{ background-color: rgb(194,  
179, 194) }
```

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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