

Converting Colors

Yxy(47.1646, 0.3247, 0.3229)

Have a look what the booklet for
Yxy(47.1646, 0.3247, 0.3229)
contains.

Yxy(47.1300, 0.3253, 0.3228)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.1300, 0.3253, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	C5B2B7
RGB	197, 178, 183
RGB Percent	77%, 70%, 72%
CMY	0.2274, 0.3020, 0.2825
CMYK	0.00, 0.10, 0.07, 0.23
HSL	344°, 14%, 74%
HSV	344°, 10%, 77%
XYZ	47.4950, 47.1300, 51.3787
YIQ	184.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

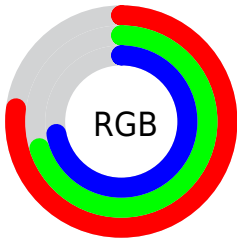
Format	Color
RYP	197, 178, 183
Decimal	12956343
CIELab	74.27, 7.66, -0.06
CIElCh	74, 7.664, 359.530
Yxy	47.1300, 0.3253, 0.3228
Android (android.graphics.Color)	4291146423 (0xFFC5B2B7)
YUV	184.2510, -0.6167, 11.1809
Hunter-Lab	68.6513, 3.3519, 3.6832

Details

The Yxy color $47.1300, 0.3253, 0.3228$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.2145, 0.3015, 0.3353$, and the grayscale version is $48.0796, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1485, 0.3231, 0.3241$, and $22.1186, 0.3288, 0.3206$ is the 20% darker color. If you saturate the color by 10%, you get $39.2719, 0.3413, 0.3160$, and if you desaturate by 10%, it is $56.1809, 0.3123, 0.3292$.

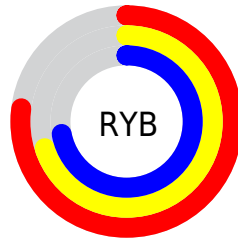
Distribution



Red (77%)

Green (70%)

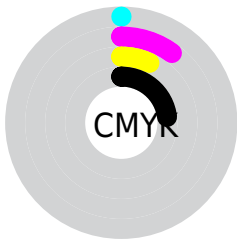
Blue (72%)



Red (77%)

Yellow (70%)

Blue (72%)

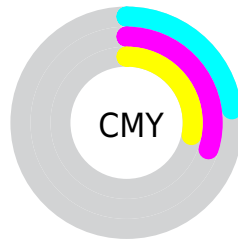


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (23%)



Cyan (23%)


Magenta (30%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.1300, 0.3253, 0.3228 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 47.1300, 0.3253, 0.3228 by changing the saturation by 10% instead.


 47.1300, 0.3253,
0.3228

 47.1300, 0.3253,
0.3228


375.3332, 0.3190,
0.3259

 33.1384, 0.3269,
0.3220


 85.9076, 0.3230,
0.3239

 22.2325, 0.3289,
0.3210


111.4625, 0.3222,
0.3244

 14.0279, 0.3316,
0.3197

141.6406, 0.3214,
0.3247

 8.1400, 0.3353,
0.3179

176.8263, 0.3208,
0.3250

 4.1847, 0.3409,
0.3151

217.4040, 0.3203,
0.3253

 1.7774, 0.3502,
0.3105

263.7581, 0.3198,

 0.4730, 0.3908,

0.3255

0.2904

316.2731, 0.3194,
0.3257

0.0000, 0.0000,
0.0000

47.1300, 0.3253,
0.3228

47.1300, 0.3253,
0.3228

39.2719, 0.3413,
0.3160

56.1809, 0.3123,
0.3292

32.5507, 0.3609,
0.3089

66.4651, 0.3017,
0.3351

26.9153, 0.3847,
0.3019

78.0288, 0.2931,
0.3406

22.3082, 0.4133,
0.2955

89.7544, 0.2860,
0.3436

18.6667, 0.4464,
0.2905

90.6130, 0.2789,
0.3289

■ 15.9212, 0.4834,
0.2879

■ 13.9924, 0.5218,
0.2888

■ 12.7871, 0.5583,
0.2939

■ 12.1360, 0.5894,
0.3023

Harmonies

Analogous

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



47.1300, 0.3152, 0.3152



47.1300, 0.3253, 0.3228



47.1300, 0.3321, 0.3320

Triad

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



47.1300, 0.3253, 0.3228



47.1300, 0.3207, 0.3475



47.1300, 0.2923, 0.3169

Complementary

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



47.1300, 0.3253, 0.3228



53.2145, 0.3015, 0.3353

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.



47.1300, 0.2937, 0.3255



47.1300, 0.3253, 0.3228



47.1300, 0.3100, 0.3434

Square

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



47.1300, 0.3253, 0.3228



47.1300, 0.3294, 0.3464



47.1300, 0.3002, 0.3352



47.1300, 0.2962, 0.3117

Rectangle

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



47.1300, 0.3253, 0.3228



47.1300, 0.3338, 0.3380



47.1300, 0.3002, 0.3352



47.1300, 0.2921, 0.3195

Sweetspot

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



47.1321, 0.3253, 0.3228



94.8572, 0.3164, 0.3271



47.0731, 0.3095, 0.3053



20.0165, 0.3174, 0.3266



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.



47.1321, 0.3253, 0.3228



80.6356, 0.3290, 0.3211



48.7233, 0.3289, 0.3346



10.6817, 0.3249, 0.3230



7.9797, 0.5871, 0.3008



0.3901, 0.5257, 0.2670

Inverse Universe

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



47.1321, 0.3253, 0.3228



80.6356, 0.3290, 0.3211



51.4527, 0.2980, 0.3233



10.6817, 0.3249, 0.3230



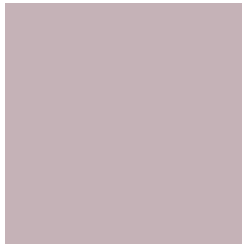
7.9797, 0.5871, 0.3008



0.3901, 0.5257, 0.2670

Previews

White Background



This preview shows how the Yxy color 47.1300, 0.3253, 0.3228 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 47.1300, 0.3253, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

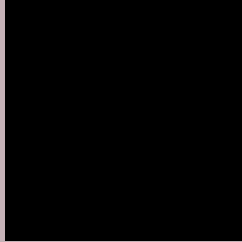
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1300, 0.3253, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 47.1300, 0.3253, 0.3228.



This preview shows how white text looks on a background with the Yxy color 47.1300, 0.3253, 0.3228.

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

47.1300, 0.3253, 0.3228

Protanopia

47.2730, 0.3129, 0.3251

Deuteranopia

47.1425, 0.3280, 0.3216



Tritanopia

47.2116, 0.3196, 0.3117

Trichromacy



Original Color

47.1300, 0.3253, 0.3228

Protanomaly

47.3273, 0.3172, 0.3252

Deuteranomaly

47.0053, 0.3271, 0.3216

Tritanomaly

47.0809, 0.3221, 0.3153

Monochromacy



Original Color

47.1300, 0.3253, 0.3228

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7354, 0.3171, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1300, 0.3253, 0.3228 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(197, 178, 183)` looks like.

```
.text, #text, p{  
    color:rgb(197, 178, 183)  
}
```

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(197, 178, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 178, 183) }
```

Border

The CSS property to change the border of an element to Yxy 47.1300, 0.3253, 0.3228 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(197, 178, 183) }
```

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

```
.border{ border-color:rgb(197, 178, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 178, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 178, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 178, 183);  
box-shadow:4px 4px 4px 4px rgb(197, 178,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1300, 0.3253, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 178, 183) }
```

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

```
.background{ background-color: rgb(197,  
178, 183) }
```

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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