

Converting Colors

Yxy(52.3522, 0.3251, 0.3291)

Have a look what the booklet for
Yxy(52.3522, 0.3251, 0.3291)
contains.

Yxy(52.2938, 0.3252, 0.3290) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(52.2938, 0.3252, 0.3290)

Conversions

Conversions Part 1	
Format	Color
Hex	CBBCBC
RGB	203, 188, 188
RGB Percent	80%, 74%, 74%
CMY	0.2040, 0.2627, 0.2626
CMYK	0.00, 0.07, 0.07, 0.20
HSL	360°, 13%, 77%
HSV	360°, 7%, 80%
XYZ	51.6898, 52.2938, 54.9641
YIQ	192.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

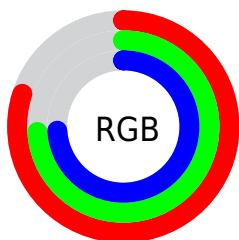
Format	Color
RYB	203, 188, 188
Decimal	13352124
CIELab	77.46, 5.30, 1.88
CIELCh	77, 5.621, 19.593
Yxy	52.2938, 0.3252, 0.3290
Android (android.graphics.Color)	4291542204 (0xFFCBBBCBC)
YUV	192.4850, -2.2111, 9.2217
Hunter-Lab	72.3145, 1.0401, 5.5555

Details

The Yxy color $52.2938, 0.3252, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $57.7101, 0.3014, 0.3290$, and the grayscale version is $53.0215, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.4930, 0.3199, 0.3290$, and $25.4668, 0.3286, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $43.4107, 0.3458, 0.3290$, and if you desaturate by 10%, it is $62.5240, 0.3088, 0.3290$.

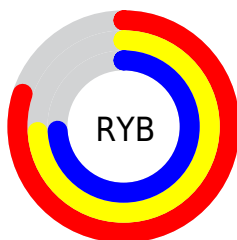
Distribution



Red (80%)

Green (74%)

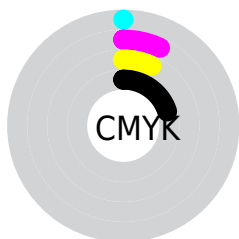
Blue (74%)



Red (80%)

Yellow (74%)

Blue (74%)

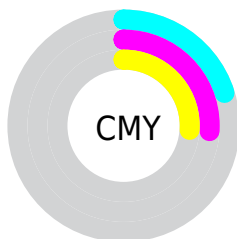


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (20%)



Cyan (20%)


Magenta (26%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2938, 0.3252, 0.3290 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 52.2938, 0.3252, 0.3290 by changing the saturation by 10% instead.

 52.2938, 0.3252,
0.3290

 52.2938, 0.3252,
0.3290


395.5698, 0.3191,
0.3290

 37.2393, 0.3267,
0.3290


 93.5644, 0.3230,
0.3290

 25.3928, 0.3286,
0.3290


120.5493, 0.3222,
0.3290

 16.3700, 0.3311,
0.3289


152.2798, 0.3214,
0.3290

 9.7863, 0.3346,
0.3288

189.1402, 0.3208,
0.3290

 5.2575, 0.3397,
0.3287

231.5151, 0.3203,
0.3290

 2.3991, 0.3479,
0.3284


279.7887, 0.3198,


 0.8254, 0.3651,


0.3290


0.3291

334.3454, 0.3194,
0.3290


 0.0000, 0.0000,
0.0000

 52.2938, 0.3252,
0.3290


 52.2938, 0.3252,
0.3290


 43.4107, 0.3458,
0.3290


 62.5240, 0.3088,
0.3290

 35.8121, 0.3715,
0.3290


 74.1469, 0.2956,
0.3290

 29.4406, 0.4033,
0.3291

 87.2144, 0.2850,
0.3290

 24.2321, 0.4417,
0.3292

 91.4354, 0.2822,
0.3289

 20.1162, 0.4862,
0.3293

■ 17.0152, 0.5340,
0.3294

■ 14.8412, 0.5795,
0.3296

■ 13.4914, 0.6152,
0.3297

■ 12.8231, 0.6358,
0.3299

Harmonies

Analogous

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



52.2938, 0.3194, 0.3226



52.2938, 0.3252, 0.3290



52.2938, 0.3276, 0.3355

Triad

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



52.2938, 0.3252, 0.3290



52.2938, 0.3134, 0.3405



52.2938, 0.2996, 0.3177

Complementary

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



52.2938, 0.3252, 0.3290



57.7101, 0.3014, 0.3290

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.



52.2938, 0.2981, 0.3223



52.2938, 0.3252, 0.3290



52.2938, 0.3060, 0.3355

Square

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



52.2938, 0.3252, 0.3290



52.2938, 0.3207, 0.3422



52.2938, 0.3004, 0.3288



52.2938, 0.3047, 0.3161

Rectangle

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



52.2938, 0.3252, 0.3290



52.2938, 0.3269, 0.3390



52.2938, 0.3004, 0.3288



52.2938, 0.2987, 0.3189

Sweetspot

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



52.2961, 0.3252, 0.3290



96.4655, 0.3159, 0.3290



52.9402, 0.3134, 0.3111



20.6846, 0.3158, 0.3290



0.0000, 0.0000, 0.0000



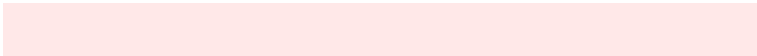
21.4041, 0.3127, 0.3290

Same Dimension

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



52.2961, 0.3252, 0.3290



84.8329, 0.3284, 0.3290



55.4681, 0.3244, 0.3378



11.2140, 0.3290, 0.3290



8.0807, 0.6398, 0.3298



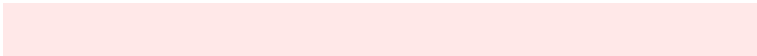
0.4170, 0.6391, 0.3294

Inverse Universe

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



52.2961, 0.3252, 0.3290



84.8329, 0.3284, 0.3290



54.3697, 0.3014, 0.3201



11.2140, 0.3290, 0.3290



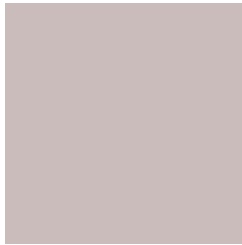
8.0807, 0.6398, 0.3298



0.4170, 0.6391, 0.3294

Previews

White Background



This preview shows how the Yxy color 52.2938, 0.3252, 0.3290 looks on a white background.

Color Contrast Check

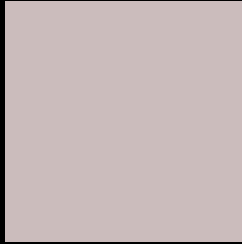
Large Text (above 18pt) WCAG AA × Fail

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 52.2938, 0.3252, 0.3290 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

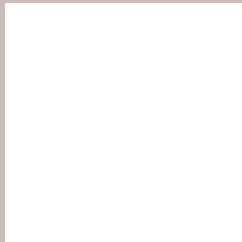
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.2938, 0.3252, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 52.2938, 0.3252, 0.3290.



This preview shows how white text looks on a background with the Yxy color 52.2938, 0.3252, 0.3290.

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

52.2938, 0.3252, 0.3290

Protanopia

52.1031, 0.3176, 0.3303

Deuteranopia

52.2209, 0.3316, 0.3243



Tritanopia

52.3140, 0.3169, 0.3111

Trichromacy



Original Color
52.2938, 0.3252, 0.3290

Protanomaly
52.0751, 0.3202, 0.3290

Deuteranomaly
52.2018, 0.3289, 0.3255

Tritanomaly
52.3635, 0.3199, 0.3182

Monochromacy



Original Color
52.2938, 0.3252, 0.3290

Achromatopsia
52.7115, 0.3127, 0.3290

Achromatomaly
52.7590, 0.3168, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2938, 0.3252, 0.3290 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(203, 188, 188) looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 188)  
}
```

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(203, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 188) }
```

Border

The CSS property to change the border of an element to Yxy 52.2938, 0.3252, 0.3290 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(203, 188, 188) }
```

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

```
.border{ border-color:rgb(203, 188, 188) }
```

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

Here you see how a box with a 4 pixel rgb(203, 188, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(203, 188,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2938, 0.3252, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 188) }
```

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

```
.background{ background-color: rgb(203,  
188, 188) }
```

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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