

Converting Colors

Yxy(52.1188, 0.3176, 0.3396)

Have a look what the booklet for
Yxy(52.1188, 0.3176, 0.3396)
contains.

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Color

Yxy(52.1071, 0.3171, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	BEC0B8
RGB	190, 192, 184
RGB Percent	75%, 75%, 72%
CMY	0.2551, 0.2470, 0.2785
CMYK	0.01, 0.00, 0.04, 0.25
HSL	75°, 6%, 74%
HSV	75°, 4%, 75%
XYZ	48.7265, 52.1071, 52.8293
YIQ	190.4900, 1.3760, -2.9120

Conversions

Conversions Part 2

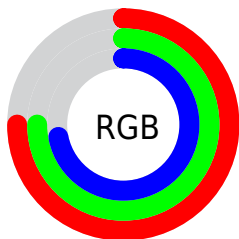
Format	Color
RYB	184, 192, 186
Decimal	12501176
CIELab	77.34, -2.18, 3.78
CIELCh	77, 4.364, 119.931
Yxy	52.1071, 0.3171, 0.3391
Android (android.graphics.Color)	4290691256 (0xFFBEC0B8)
YUV	190.4900, -3.1996, -0.4297
Hunter-Lab	72.1852, -5.8330, 7.1378

Details

The Yxy color $52.1071, 0.3171, 0.3391$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $48.5284, 0.3082, 0.3188$, and the grayscale version is $51.8051, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.0189, 0.3162, 0.3369$, and $25.4223, 0.3187, 0.3426$ is the 20% darker color. If you saturate the color by 10%, you get $50.7327, 0.3277, 0.3643$, and if you desaturate by 10%, it is $53.6169, 0.3067, 0.3154$.

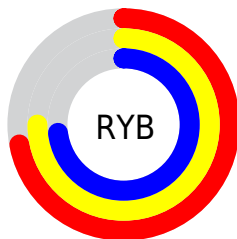
Distribution



Red (75%)

Green (75%)

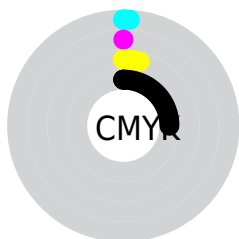
Blue (72%)



Red (72%)

Yellow (75%)

Blue (73%)

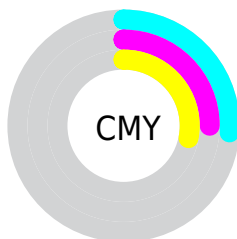


Cyan (1%)

Magenta (0%)

Yellow (4%)

Black (25%)



Cyan (26%)

Magenta (25%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.1071, 0.3171, 0.3391 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 52.1071, 0.3171, 0.3391 by changing the saturation by 10% instead.

■ 52.1071, 0.3171,
0.3391

■ 52.1071, 0.3171,
0.3391

394.8499, 0.3150,
0.3341

■ 37.0904, 0.3176,
0.3403

■ 93.2892, 0.3163,
0.3373

■ 25.2775, 0.3183,
0.3419

120.2234, 0.3160,
0.3366

■ 16.2839, 0.3191,
0.3439

151.8989, 0.3158,
0.3361

■ 9.7253, 0.3203,
0.3468

188.7001, 0.3156,
0.3356

■ 5.2172, 0.3220,
0.3510

231.0114, 0.3154,
0.3351

■ 2.3753, 0.3248,
0.3577

279.2173, 0.3152,

■ 0.8131, 0.3342,

0.3348

0.3775

333.7020, 0.3151,
0.3344

0.0000, 0.0000,
0.0000

52.1071, 0.3171,
0.3391

52.1071, 0.3171,
0.3391

50.7327, 0.3277,
0.3643

53.6169, 0.3067,
0.3154

49.4823, 0.3383,
0.3907

55.2596, 0.2968,
0.2936

48.3534, 0.3485,
0.4176


57.0417, 0.2874,
0.2736

47.3406, 0.3579,
0.4442

58.5881, 0.2823,
0.2609

46.4383, 0.3658,
0.4695


59.3233, 0.2858,
0.2616


 45.6403, 0.3719,
0.4923


 60.0811, 0.2894,
0.2623

 44.9396, 0.3757,
0.5115

 60.8616, 0.2930,
0.2630

 44.3283, 0.3770,
0.5264

 61.6651, 0.2966,
0.2637

 43.7966, 0.3758,
0.5365

 62.4918, 0.3002,
0.2644

Harmonies

Analogous

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



52.1071, 0.3219, 0.3386



52.1071, 0.3171, 0.3391



52.1071, 0.3112, 0.3368

Triad

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



52.1071, 0.3171, 0.3391



52.1071, 0.3014, 0.3223



52.1071, 0.3197, 0.3257

Complementary

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



52.1071, 0.3171, 0.3391



48.5284, 0.3082, 0.3188

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.



52.1071, 0.3142, 0.3214



52.1071, 0.3171, 0.3391



52.1071, 0.3036, 0.3195

Square

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



52.1071, 0.3171, 0.3391



52.1071, 0.3022, 0.3271



52.1071, 0.3083, 0.3191



52.1071, 0.3234, 0.3308

Rectangle

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



52.1071, 0.3171, 0.3391



52.1071, 0.3074, 0.3340



52.1071, 0.3083, 0.3191



52.1071, 0.3180, 0.3241

Sweetspot

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



52.1094, 0.3171, 0.3391



95.2363, 0.3138, 0.3314



49.7852, 0.3193, 0.3315



20.4343, 0.3137, 0.3313



97.7402, 0.3127, 0.3290



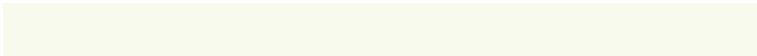
20.4902, 0.3127, 0.3290

Same Dimension

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



52.1094, 0.3171, 0.3391



94.1641, 0.3180, 0.3413



51.6068, 0.3139, 0.3392



11.7423, 0.3186, 0.3426



29.3117, 0.3750, 0.5405



1.2979, 0.3853, 0.5323

Inverse Universe

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



48.5284, 0.3082, 0.3188



86.3330, 0.3072, 0.3166



49.0312, 0.3115, 0.3189



10.6635, 0.3066, 0.3152



3.0392, 0.1661, 0.0689



0.1657, 0.1907, 0.0824

Previews

White Background



This preview shows how the Yxy color 52.1071, 0.3171, 0.3391 looks on a white background.

Color Contrast Check

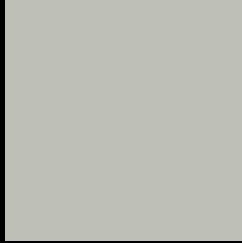
Large Text (above 18pt) WCAG AA × Fail

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 52.1071, 0.3171, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

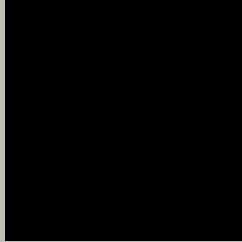
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

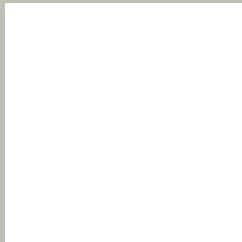
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.1071, 0.3171, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 52.1071, 0.3171, 0.3391.



This preview shows how white text looks on a background with the Yxy color 52.1071, 0.3171, 0.3391.

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

52.1071, 0.3171, 0.3391

Protanopia

51.9816, 0.3231, 0.3377

Deuteranopia

52.0496, 0.3349, 0.3291



Tritanopia

52.0923, 0.3047, 0.3107

Trichromacy



Original Color

52.1071, 0.3171, 0.3391

Protanomaly

52.1498, 0.3213, 0.3390

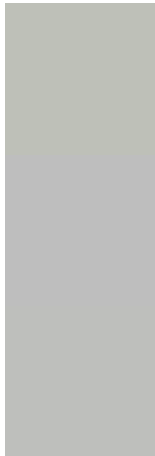
Deuteranomaly

52.1657, 0.3276, 0.3327

Tritanomaly

52.0646, 0.3091, 0.3204

Monochromacy



Original Color

52.1071, 0.3171, 0.3391

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.8396, 0.3142, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.1071, 0.3171, 0.3391 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(190, 192, 184)` looks like.

```
.text, #text, p{  
    color:rgb(190, 192, 184)  
}
```

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(190, 192, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 192, 184) }
```

Border

The CSS property to change the border of an element to Yxy 52.1071, 0.3171, 0.3391 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(190, 192, 184) }
```

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

```
.border{ border-color:rgb(190, 192, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 192, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 192, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 192, 184);  
box-shadow:4px 4px 4px 4px rgb(190, 192,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 52.1071, 0.3171, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 192, 184) }
```

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

```
.background{ background-color: rgb(190,  
192, 184) }
```

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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