

Converting Colors

Yxy(51.1113, 0.3191, 0.3346)

Have a look what the booklet for
Yxy(51.1113, 0.3191, 0.3346)
contains.

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Color

Yxy(51.0624, 0.3190, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	C0BDB8
RGB	192, 189, 184
RGB Percent	75%, 74%, 72%
CMY	0.2472, 0.2588, 0.2784
CMYK	0.00, 0.02, 0.04, 0.25
HSL	38°, 6%, 74%
HSV	38°, 4%, 75%
XYZ	48.5801, 51.0624, 52.6462
YIQ	189.3270, 3.3930, -0.9190

Conversions

Conversions Part 2

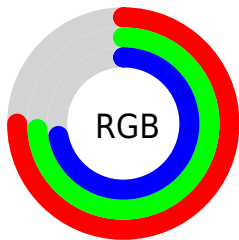
Format	Color
RYB	189, 192, 184
Decimal	12631480
CIELab	76.72, 0.13, 2.88
CIELCh	77, 2.884, 87.447
Yxy	51.0624, 0.3190, 0.3353
Android (android.graphics.Color)	4290821560 (0xFFC0BDB8)
YUV	189.3270, -2.6262, 2.3442
Hunter-Lab	71.4580, -3.6997, 6.3390

Details

The Yxy color **51.0624, 0.3190, 0.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5141, 0.3065, 0.3226**, and the grayscale version is **51.0980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5525, 0.3177, 0.3339**, and **24.7360, 0.3213, 0.3375** is the 20% darker color. If you saturate the color by 10%, you get **47.3322, 0.3354, 0.3511**, and if you desaturate by 10%, it is **55.0559, 0.3043, 0.3204**.

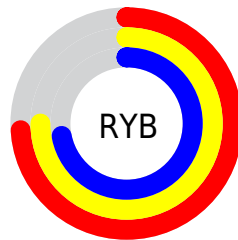
Distribution



Red (75%)

Green (74%)

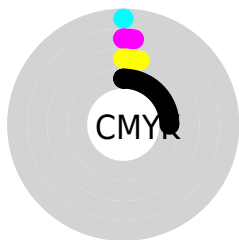
Blue (72%)



Red (74%)

Yellow (75%)

Blue (72%)

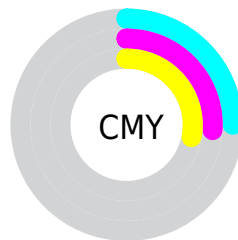


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (25%)



Cyan (25%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0624, 0.3190, 0.3353 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 51.0624, 0.3190, 0.3353 by changing the saturation by 10% instead.

■ 51.0624, 0.3190,
0.3353

■ 51.0624, 0.3190,
0.3353

390.8062, 0.3159,
0.3322

■ 36.2583, 0.3198,
0.3361

■ 91.7470, 0.3179,
0.3342

■ 24.6337, 0.3207,
0.3370

118.3963, 0.3175,
0.3338

■ 15.8044, 0.3220,
0.3383

149.7627, 0.3171,
0.3334

■ 9.3858, 0.3238,
0.3401

186.2307, 0.3168,
0.3331

■ 4.9937, 0.3264,
0.3426

228.1846, 0.3165,
0.3328

■ 2.2436, 0.3305,
0.3468

276.0089, 0.3163,

■ 0.7436, 0.3443,

0.3326

0.3607

330.0880, 0.3161,
0.3324

0.0000, 0.0000,
0.0000

51.0624, 0.3190,
0.3353

51.0624, 0.3190,
0.3353

47.3322, 0.3354,
0.3511

55.0559, 0.3043,
0.3204

43.8522, 0.3535,
0.3675

59.3122, 0.2913,
0.3064

40.6177, 0.3733,
0.3842

63.8395, 0.2797,
0.2936

37.6215, 0.3945,
0.4003

68.2649, 0.2726,
0.2876

34.8560, 0.4165,
0.4152

72.0144, 0.2733,
0.2956

■ 32.3127, 0.4387,
0.4277

■ 75.9236, 0.2740,
0.3036

■ 29.9827, 0.4599,
0.4367

■ 79.9941, 0.2747,
0.3114

■ 27.8556, 0.4790,
0.4412

■ 84.2280, 0.2754,
0.3191

■ 25.9196, 0.4951,
0.4405

■ 88.6271, 0.2760,
0.3267

Harmonies

Analogous

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



51.0624, 0.3204, 0.3332



51.0624, 0.3190, 0.3353



51.0624, 0.3159, 0.3358

Triad

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



51.0624, 0.3190, 0.3353



51.0624, 0.3058, 0.3280



51.0624, 0.3134, 0.3238

Complementary

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



51.0624, 0.3190, 0.3353



49.5141, 0.3065, 0.3226

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.



51.0624, 0.3095, 0.3224



51.0624, 0.3190, 0.3353



51.0624, 0.3051, 0.3248

Square

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



51.0624, 0.3190, 0.3353



51.0624, 0.3083, 0.3315



51.0624, 0.3065, 0.3228



51.0624, 0.3171, 0.3265

Rectangle

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



51.0624, 0.3190, 0.3353



51.0624, 0.3134, 0.3350



51.0624, 0.3065, 0.3228



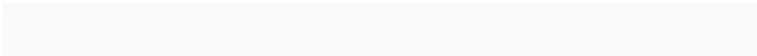
51.0624, 0.3120, 0.3231

Sweetspot

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



51.0646, 0.3190, 0.3353



94.7819, 0.3142, 0.3305



49.0753, 0.3170, 0.3252



20.3417, 0.3142, 0.3305



97.7402, 0.3127, 0.3290



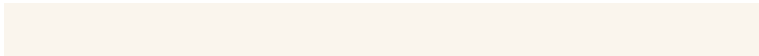
20.4902, 0.3127, 0.3290

Same Dimension

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



51.0646, 0.3190, 0.3353



91.9165, 0.3205, 0.3368



52.2225, 0.3180, 0.3390



11.4320, 0.3213, 0.3376



16.8906, 0.5022, 0.4394



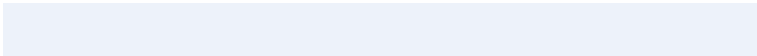
0.8580, 0.4792, 0.4577

Inverse Universe

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



49.5141, 0.3065, 0.3226



88.4908, 0.3051, 0.3211



48.3941, 0.3073, 0.3189



10.9601, 0.3042, 0.3203



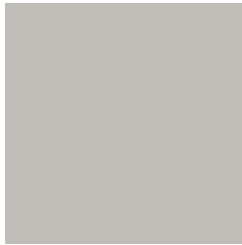
5.7333, 0.1666, 0.1195



0.3800, 0.1794, 0.1657

Previews

White Background



This preview shows how the Yxy color 51.0624, 0.3190, 0.3353 looks on a white background.

Color Contrast Check

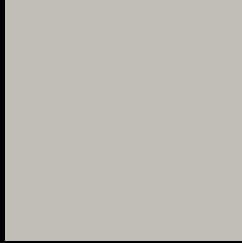
Large Text (above 18pt) WCAG AA × Fail

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 51.0624, 0.3190, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

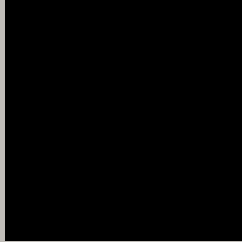
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0624, 0.3190, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 51.0624, 0.3190, 0.3353.

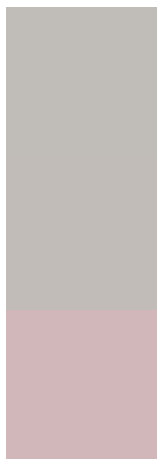


This preview shows how white text looks on a background with the Yxy color 51.0624, 0.3190, 0.3353.

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

51.0624, 0.3190, 0.3353

Protanopia

50.8965, 0.3208, 0.3340

Deuteranopia

50.9251, 0.3335, 0.3267



Tritanopia

50.9370, 0.3086, 0.3107

Trichromacy



Original Color

51.0624, 0.3190, 0.3353

Protanomaly

50.7646, 0.3200, 0.3340

Deuteranomaly

50.8972, 0.3280, 0.3290

Tritanomaly

50.9501, 0.3124, 0.3191

Monochromacy



Original Color

51.0624, 0.3190, 0.3353

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.9302, 0.3151, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0624, 0.3190, 0.3353 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(192, 189, 184)` looks like.

```
.text, #text, p{  
    color:rgb(192, 189, 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(192, 189, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 189, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.0624, 0.3190, 0.3353 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(192, 189, 184) }
```

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

```
.border{ border-color:rgb(192, 189, 184) }
```

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

Here you see how a box with a 4 pixel rgb(192, 189, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 189, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 189, 184);  
box-shadow:4px 4px 4px 4px rgb(192, 189,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0624, 0.3190, 0.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 189, 184) }
```

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

```
.background{ background-color: rgb(192,  
189, 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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