

Converting Colors

Yxy(50.4593, 0.3196, 0.3408)

Have a look what the booklet for
Yxy(50.4593, 0.3196, 0.3408)
contains.

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Color

Yxy(50.5093, 0.3196, 0.3404)

Conversions

Conversions Part 1

Format	Color
Hex	BDBDB4
RGB	189, 189, 180
RGB Percent	74%, 74%, 71%
CMY	0.2589, 0.2588, 0.2940
CMYK	0.00, 0.00, 0.05, 0.26
HSL	60°, 6%, 72%
HSV	60°, 5%, 74%
XYZ	47.4230, 50.5093, 50.4499
YIQ	187.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

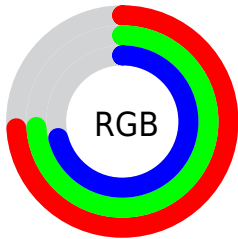
Format	Color
RYB	180, 189, 180
Decimal	12434868
CIELab	76.38, -1.62, 4.52
CIElCh	76, 4.798, 109.769
Yxy	50.5093, 0.3196, 0.3404
Android (android.graphics.Color)	4290624948 (0xFFBDBDB4)
YUV	187.9740, -3.9312, 0.8998
Hunter-Lab	71.0699, -5.2643, 7.6611

Details

The Yxy color **50.5093, 0.3196, 0.3404** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0425, 0.3057, 0.3173**, and the grayscale version is **50.2969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.7734, 0.3181, 0.3380**, and **24.3749, 0.3221, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **49.7885, 0.3345, 0.3650**, and if you desaturate by 10%, it is **51.3395, 0.3053, 0.3167**.

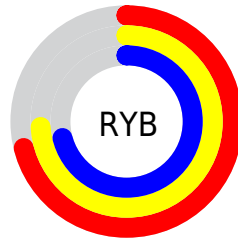
Distribution



Red (74%)

Green (74%)

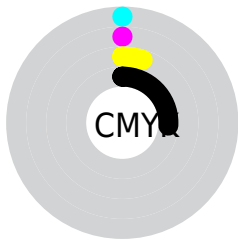
Blue (71%)



Red (71%)

Yellow (74%)

Blue (71%)

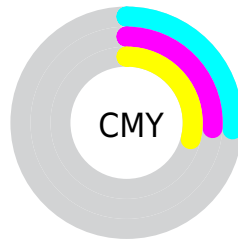


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (26%)



Cyan (26%)

Magenta (26%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5093, 0.3196, 0.3404 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 50.5093, 0.3196, 0.3404 by changing the saturation by 10% instead.

■ 50.5093, 0.3196,
0.3404

■ 50.5093, 0.3196,
0.3404

388.6543, 0.3162,
0.3348

■ 35.8182, 0.3204,
0.3418

■ 90.9290, 0.3184,
0.3384

■ 24.2939, 0.3215,
0.3436

117.4265, 0.3179,
0.3376

■ 15.5517, 0.3229,
0.3459

148.6282, 0.3175,
0.3369

■ 9.2075, 0.3248,
0.3492

184.9185, 0.3172,
0.3364

■ 4.8768, 0.3276,
0.3540

226.6819, 0.3169,
0.3359

■ 2.1752, 0.3321,
0.3619

274.3027, 0.3166,

■ 0.7064, 0.3526,

0.3355

0.3943

328.1654, 0.3164,
0.3351

0.0000, 0.0000,
0.0000

50.5093, 0.3196,
0.3404

50.5093, 0.3196,
0.3404

49.7885, 0.3345,
0.3650

51.3395, 0.3053,
0.3167

49.1664, 0.3495,
0.3899

52.2766, 0.2917,
0.2942

48.6406, 0.3642,
0.4144

53.3264, 0.2791,
0.2733

48.2062, 0.3781,
0.4374

54.4514, 0.2678,
0.2547

47.8581, 0.3906,
0.4582

54.4556, 0.2678,
0.2547

■ 47.5904, 0.4012,
0.4757

■ 54.4598, 0.2679,
0.2547

■ 47.3965, 0.4093,
0.4892

■ 54.4640, 0.2679,
0.2547

■ 47.2690, 0.4149,
0.4986

■ 54.4682, 0.2679,
0.2547

■ 47.1987, 0.4180,
0.5038

■ 54.4724, 0.2679,
0.2547

Harmonies

Analogous

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



50.5093, 0.3241, 0.3388



50.5093, 0.3196, 0.3404



50.5093, 0.3133, 0.3389

Triad

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



50.5093, 0.3196, 0.3404



50.5093, 0.3001, 0.3232



50.5093, 0.3186, 0.3235

Complementary

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



50.5093, 0.3196, 0.3404



46.0425, 0.3057, 0.3173

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.



50.5093, 0.3121, 0.3194



50.5093, 0.3196, 0.3404



50.5093, 0.3014, 0.3192

Square

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



50.5093, 0.3196, 0.3404



50.5093, 0.3020, 0.3288



50.5093, 0.3058, 0.3178



50.5093, 0.3235, 0.3290

Rectangle

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



50.5093, 0.3196, 0.3404



50.5093, 0.3089, 0.3363



50.5093, 0.3058, 0.3178



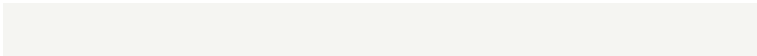
50.5093, 0.3165, 0.3219

Sweetspot

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



50.5115, 0.3196, 0.3404



90.9916, 0.3142, 0.3314



46.7746, 0.3205, 0.3290



19.5690, 0.3141, 0.3313



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



50.5115, 0.3196, 0.3404



90.2753, 0.3216, 0.3437



49.9490, 0.3159, 0.3405



11.1658, 0.3222, 0.3448



31.7393, 0.4190, 0.5055



1.2435, 0.4191, 0.5054

Inverse Universe

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



46.0425, 0.3057, 0.3173



80.0821, 0.3036, 0.3139



46.5875, 0.3094, 0.3175



9.8151, 0.3029, 0.3127



2.4738, 0.1501, 0.0600



0.0972, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 50.5093, 0.3196, 0.3404 looks on a white background.

Color Contrast Check

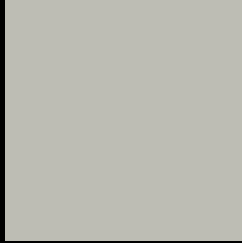
Large Text (above 18pt) WCAG AA × Fail

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 50.5093, 0.3196, 0.3404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

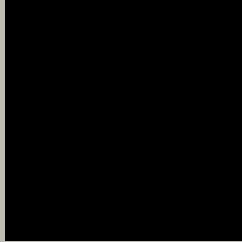
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

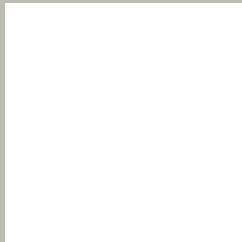
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5093, 0.3196, 0.3404

Background



This preview shows how black text looks on a background with the Yxy color 50.5093, 0.3196, 0.3404.



This preview shows how white text looks on a background with the Yxy color 50.5093, 0.3196, 0.3404.

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

50.5093, 0.3196, 0.3404

Protanopia

50.6904, 0.3247, 0.3403

Deuteranopia

50.3474, 0.3369, 0.3303



Tritanopia

50.5413, 0.3062, 0.3105

Trichromacy



Original Color

50.5093, 0.3196, 0.3404

Protanomaly

50.4276, 0.3231, 0.3404

Deuteranomaly

50.5907, 0.3304, 0.3340

Tritanomaly

50.4673, 0.3114, 0.3215

Monochromacy



Original Color

50.5093, 0.3196, 0.3404

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.1606, 0.3150, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5093, 0.3196, 0.3404 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(189, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(189, 189, 180)  
}
```

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(189, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 189, 180) }
```

Border

The CSS property to change the border of an element to Yxy 50.5093, 0.3196, 0.3404 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(189, 189, 180) }
```

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

```
.border{ border-color:rgb(189, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(189, 189,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5093, 0.3196, 0.3404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 189, 180) }
```

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

```
.background{ background-color: rgb(189,  
189, 180) }
```

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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