

Converting Colors

Yxy(50.9976, 0.3272, 0.3409)

Have a look what the booklet for
Yxy(50.9976, 0.3272, 0.3409)
contains.

Yxy(50.9569, 0.3264, 0.3403)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(50.9569, 0.3264, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	C4BCB3
RGB	196, 188, 179
RGB Percent	77%, 74%, 70%
CMY	0.2316, 0.2627, 0.2980
CMYK	0.00, 0.04, 0.09, 0.23
HSL	32°, 13%, 74%
HSV	32°, 9%, 77%
XYZ	48.8755, 50.9569, 49.9087
YIQ	189.3660, 7.6570, -1.1030

Conversions

Conversions Part 2

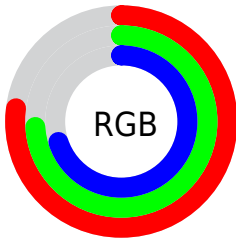
Format	Color
RYB	194, 196, 179
Decimal	12893363
CIELab	76.65, 1.21, 5.54
CIELCh	77, 5.671, 77.654
Yxy	50.9569, 0.3264, 0.3403
Android (android.graphics.Color)	4291083443 (0xFFC4BCB3)
YUV	189.3660, -5.1104, 5.8180
Hunter-Lab	71.3841, -2.7062, 8.5158

Details

The Yxy color **50.9569, 0.3264, 0.3403** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0805, 0.2995, 0.3174**, and the grayscale version is **51.1338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5822, 0.3241, 0.3378**, and **24.5851, 0.3303, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **46.4267, 0.3442, 0.3540**, and if you desaturate by 10%, it is **55.8532, 0.3107, 0.3273**.

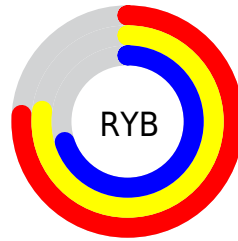
Distribution



Red (77%)

Green (74%)

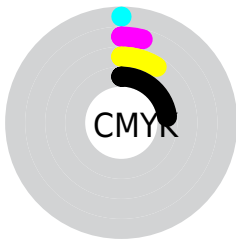
Blue (70%)



Red (76%)

Yellow (77%)

Blue (70%)

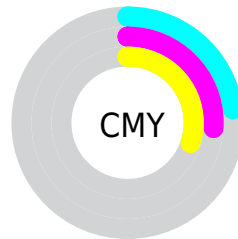


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9569, 0.3264, 0.3403 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 50.9569, 0.3264, 0.3403 by changing the saturation by 10% instead.

■ 50.9569, 0.3264,
0.3403

■ 50.9569, 0.3264,
0.3403

390.3963, 0.3196,
0.3348

■ 36.1743, 0.3281,
0.3417

■ 91.5911, 0.3240,
0.3383

■ 24.5688, 0.3302,
0.3434

118.2114, 0.3230,
0.3376

■ 15.7561, 0.3330,
0.3457

149.5465, 0.3223,
0.3369

■ 9.3517, 0.3368,
0.3488

185.9807, 0.3216,
0.3364

■ 4.9713, 0.3425,
0.3533

227.8983, 0.3210,
0.3359

■ 2.2304, 0.3517,
0.3606

275.6839, 0.3205,

■ 0.7365, 0.3879,

0.3355

0.3916

329.7218, 0.3201,
0.3351

0.0000, 0.0000,
0.0000

50.9569, 0.3264,
0.3403

50.9569, 0.3264,
0.3403

46.4267, 0.3442,
0.3540

55.8532, 0.3107,
0.3273

42.2467, 0.3642,
0.3682

61.1178, 0.2970,
0.3151

38.4093, 0.3865,
0.3824

66.7616, 0.2849,
0.3039

34.9040, 0.4107,
0.3960

72.6382, 0.2757,
0.2961

31.7201, 0.4363,
0.4078

77.7216, 0.2765,
0.3062

■ 28.8456, 0.4624,
0.4169

■ 83.0753, 0.2773,
0.3162

■ 26.2676, 0.4875,
0.4219

■ 88.7031, 0.2781,
0.3260

■ 23.9718, 0.5101,
0.4218

■ 90.4693, 0.2783,
0.3289

■ 21.9379, 0.5293,
0.4167

Harmonies

Analogous

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



50.9569, 0.3278, 0.3352



50.9569, 0.3264, 0.3403



50.9569, 0.3213, 0.3424

Triad

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



50.9569, 0.3264, 0.3403



50.9569, 0.3005, 0.3293



50.9569, 0.3114, 0.3175

Complementary

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



50.9569, 0.3264, 0.3403



49.0805, 0.2995, 0.3174

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.



50.9569, 0.3041, 0.3159



50.9569, 0.3264, 0.3403



50.9569, 0.2979, 0.3226

Square

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



50.9569, 0.3264, 0.3403



50.9569, 0.3063, 0.3361



50.9569, 0.2992, 0.3177



50.9569, 0.3191, 0.3221

Rectangle

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



50.9569, 0.3264, 0.3403



50.9569, 0.3165, 0.3418



50.9569, 0.2992, 0.3177



50.9569, 0.3088, 0.3166

Sweetspot

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



50.9591, 0.3264, 0.3403



97.2540, 0.3174, 0.3329



47.5672, 0.3208, 0.3188



20.6615, 0.3186, 0.3340



0.0000, 0.0000, 0.0000



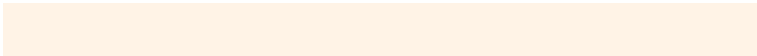
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9591, 0.3264, 0.3403



91.0860, 0.3289, 0.3423



54.4042, 0.3252, 0.3500



10.9452, 0.3276, 0.3413



14.1117, 0.5299, 0.4175



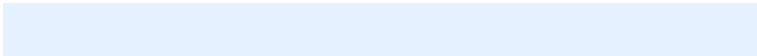
0.7467, 0.4988, 0.4421

Inverse Universe

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



49.0805, 0.2995, 0.3174



87.1280, 0.2971, 0.3153



45.8428, 0.2997, 0.3071



10.5077, 0.2984, 0.3164



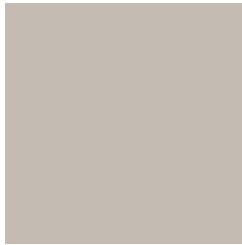
7.6177, 0.1748, 0.1491



0.4670, 0.1866, 0.1916

Previews

White Background



This preview shows how the Yxy color 50.9569, 0.3264, 0.3403 looks on a white background.

Color Contrast Check

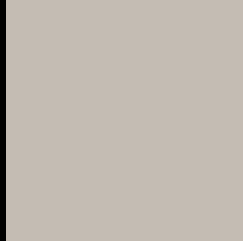
Large Text (above 18pt) WCAG AA × Fail

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 50.9569, 0.3264, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

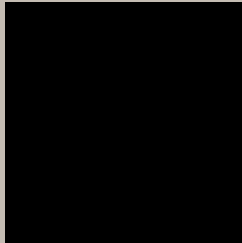
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

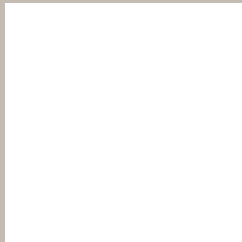
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.9569, 0.3264, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 50.9569, 0.3264, 0.3403.

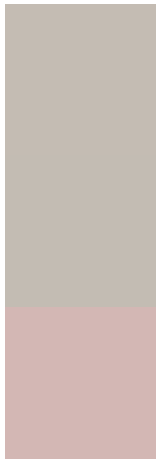


This preview shows how white text looks on a background with the Yxy color 50.9569, 0.3264, 0.3403.

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

50.9569, 0.3264, 0.3403

Protanopia

50.8232, 0.3256, 0.3403

Deuteranopia

51.0111, 0.3394, 0.3327



Tritanopia

50.9636, 0.3135, 0.3120

Trichromacy



Original Color

50.9569, 0.3264, 0.3403

Protanomaly

50.8232, 0.3256, 0.3403

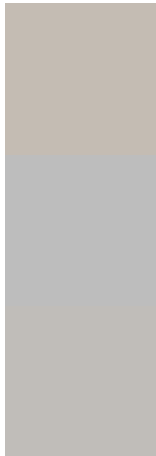
Deuteranomaly

51.1150, 0.3347, 0.3352

Tritanomaly

50.9293, 0.3181, 0.3217

Monochromacy



Original Color

50.9569, 0.3264, 0.3403

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.1044, 0.3183, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9569, 0.3264, 0.3403 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(196, 188, 179)` looks like.

```
.text, #text, p{  
    color:rgb(196, 188, 179)  
}
```

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(196, 188, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 188, 179) }
```

Border

The CSS property to change the border of an element to Yxy 50.9569, 0.3264, 0.3403 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(196, 188, 179) }
```

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

```
.border{ border-color:rgb(196, 188, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 188, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 188, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 188, 179);  
box-shadow:4px 4px 4px 4px rgb(196, 188,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9569, 0.3264, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 188, 179) }
```

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

```
.background{ background-color: rgb(196,  
188, 179) }
```

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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