

Converting Colors

$Y_{xy}(49.2576, 0.3208, 0.3336)$

Have a look what the booklet for
Yxy(49.2576, 0.3208, 0.3336)
contains.

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Color

Yxy(49.1517, 0.3201, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	BFB9B6
RGB	191, 185, 182
RGB Percent	75%, 73%, 71%
CMY	0.2511, 0.2745, 0.2862
CMYK	0.00, 0.03, 0.05, 0.25
HSL	20°, 7%, 73%
HSV	20°, 5%, 75%
XYZ	47.2760, 49.1517, 51.2637
YIQ	186.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

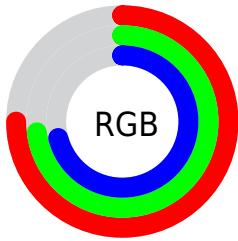
Format	Color
R_YB	191, 187, 182
Decimal	12564918
CIE Lab	75.55, 1.57, 2.25
CIE LCh	76, 2.740, 55.119
Yxy	49.1517, 0.3201, 0.3328
Android (android.graphics.Color)	4290754998 (0xFFBFB9B6)
YUV	186.4520, -2.1948, 3.9886
Hunter-Lab	70.1083, -2.3218, 5.7225

Details

The Yxy color $49.1517, 0.3201, 0.3328$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.6722, 0.3056, 0.3252$, and the grayscale version is $49.3805, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.8578, 0.3185, 0.3320$, and $23.4908, 0.3229, 0.3342$ is the 20% darker color. If you saturate the color by 10%, you get $43.3265, 0.3379, 0.3413$, and if you desaturate by 10%, it is $55.5659, 0.3050, 0.3249$.

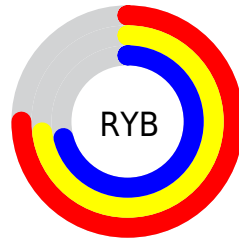
Distribution



Red (75%)

Green (73%)

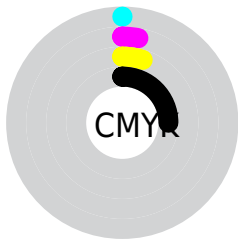
Blue (71%)



Red (75%)

Yellow (73%)

Blue (71%)

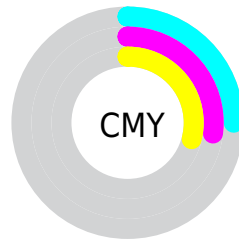


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (27%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1517, 0.3201, 0.3328 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 49.1517, 0.3201, 0.3328 by changing the saturation by 10% instead.

■ 49.1517, 0.3201,
0.3328

■ 49.1517, 0.3201,
0.3328

383.3392, 0.3164,
0.3309

■ 34.7398, 0.3210,
0.3333

■ 88.9167, 0.3188,
0.3321

■ 23.4625, 0.3222,
0.3338

115.0387, 0.3183,
0.3319

■ 14.9354, 0.3237,
0.3346

145.8328, 0.3179,
0.3317

■ 8.7741, 0.3259,
0.3357

181.6834, 0.3175,
0.3315

■ 4.5941, 0.3290,
0.3373

222.9750, 0.3172,
0.3313

■ 2.0111, 0.3343,
0.3398

270.0919, 0.3169,

■ 0.6139, 0.3559,

0.3312

0.3514

323.4185, 0.3167,
0.3310

0.0000, 0.0000,
0.0000

49.1517, 0.3201,
0.3328

49.1517, 0.3201,
0.3328

43.3265, 0.3379,
0.3413

55.5659, 0.3050,
0.3249

38.0671, 0.3588,
0.3503

62.5786, 0.2922,
0.3175

33.3580, 0.3833,
0.3594

70.2076, 0.2814,
0.3108

29.1806, 0.4115,
0.3683

78.2456, 0.2739,
0.3083

25.5154, 0.4432,
0.3761

85.8370, 0.2751,
0.3221

■ 22.3415, 0.4776,
0.3819

■ 89.8136, 0.2757,
0.3289

■ 19.6362, 0.5129,
0.3845

■ 17.3750, 0.5464,
0.3826

■ 15.5304, 0.5749,
0.3759

Harmonies

Analogous

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



49.1517, 0.3193, 0.3297



49.1517, 0.3201, 0.3328



49.1517, 0.3189, 0.3350

Triad

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



49.1517, 0.3201, 0.3328



49.1517, 0.3088, 0.3317



49.1517, 0.3093, 0.3226

Complementary

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



49.1517, 0.3201, 0.3328



49.6722, 0.3056, 0.3252

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.



49.1517, 0.3065, 0.3231



49.1517, 0.3201, 0.3328



49.1517, 0.3062, 0.3283

Square

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



49.1517, 0.3201, 0.3328



49.1517, 0.3124, 0.3343



49.1517, 0.3054, 0.3252



49.1517, 0.3130, 0.3238

Rectangle

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



49.1517, 0.3201, 0.3328



49.1517, 0.3172, 0.3355



49.1517, 0.3054, 0.3252



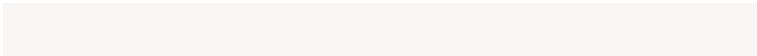
49.1517, 0.3083, 0.3226

Sweetspot

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



49.1538, 0.3201, 0.3328



92.1528, 0.3143, 0.3298



48.1699, 0.3156, 0.3215



20.2485, 0.3142, 0.3298



97.7402, 0.3127, 0.3290



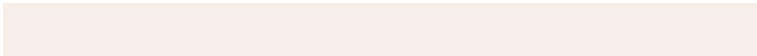
20.4902, 0.3127, 0.3290

Same Dimension

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



49.1538, 0.3201, 0.3328



86.5263, 0.3224, 0.3340



51.0568, 0.3197, 0.3384



10.4021, 0.3232, 0.3343



9.7990, 0.5857, 0.3732



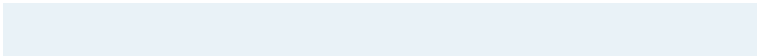
0.5066, 0.5383, 0.4108

Inverse Universe

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



49.6722, 0.3056, 0.3252



87.7220, 0.3034, 0.3240



47.7890, 0.3057, 0.3194



10.5567, 0.3028, 0.3236



12.6550, 0.1938, 0.2176



0.6113, 0.2021, 0.2474

Previews

White Background



This preview shows how the Yxy color 49.1517, 0.3201, 0.3328 looks on a white background.

Color Contrast Check

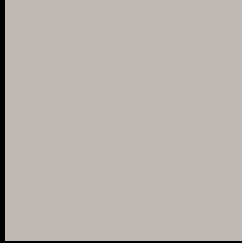
Large Text (above 18pt) WCAG AA × Fail

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 49.1517, 0.3201, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

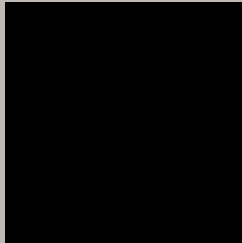
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1517, 0.3201, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 49.1517, 0.3201, 0.3328.



This preview shows how white text looks on a background with the Yxy color 49.1517, 0.3201, 0.3328.

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

49.1517, 0.3201, 0.3328

Protanopia

49.0225, 0.3193, 0.3328

Deuteranopia

49.0405, 0.3321, 0.3254



Tritanopia

49.2356, 0.3102, 0.3117

Trichromacy



Original Color

49.1517, 0.3201, 0.3328

Protanomaly

49.0225, 0.3193, 0.3328

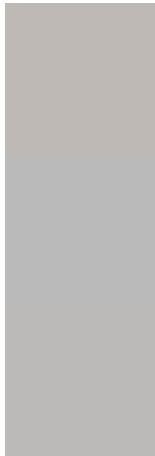
Deuteranomaly

49.1542, 0.3274, 0.3278

Tritanomaly

49.2932, 0.3132, 0.3190

Monochromacy



Original Color

49.1517, 0.3201, 0.3328

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.3120, 0.3152, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1517, 0.3201, 0.3328 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(191, 185, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 185, 182)  
}
```

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(191, 185, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 185, 182) }
```

Border

The CSS property to change the border of an element to Yxy 49.1517, 0.3201, 0.3328 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(191, 185, 182) }
```

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

```
.border{ border-color:rgb(191, 185, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 185, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 185, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 185, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 185,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1517, 0.3201, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 185, 182) }
```

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

```
.background{ background-color: rgb(191,  
185, 182) }
```

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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