

Converting Colors

$Yxy(49.2103, 0.3334, 0.3352)$

Have a look what the booklet for
Yxy(49.2103, 0.3334, 0.3352)
contains.

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Color

Yxy(49.0477, 0.3332, 0.3353)

Conversions

Conversions Part 1

Format	Color
Hex	C9B6B1
RGB	201, 182, 177
RGB Percent	79%, 71%, 69%
CMY	0.2120, 0.2862, 0.3059
CMYK	0.00, 0.09, 0.12, 0.21
HSL	13°, 18%, 74%
HSV	13°, 12%, 79%
XYZ	48.7405, 49.0477, 48.4918
YIQ	187.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

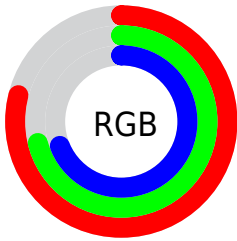
Format	Color
R _Y B	201, 183, 177
Decimal	13219505
CIE Lab	75.48, 5.89, 4.99
CIE LCh	75, 7.725, 40.265
Yxy	49.0477, 0.3332, 0.3353
Android (android.graphics.Color)	4291409585 (0xFFC9B6B1)
YUV	187.1110, -4.9847, 12.1807
Hunter-Lab	70.0341, 1.6682, 7.9712

Details

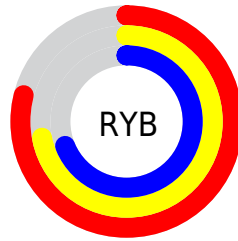
The Yxy color $49.0477, 0.3332, 0.3353$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $53.0074, 0.2945, 0.3226$, and the grayscale version is $49.7811, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2923, 0.3273, 0.3340$, and $23.3588, 0.3398, 0.3375$ is the 20% darker color. If you saturate the color by 10%, you get $42.1660, 0.3543, 0.3410$, and if you desaturate by 10%, it is $56.7894, 0.3157, 0.3300$.

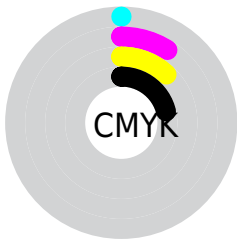
Distribution



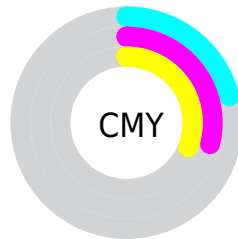
- Red (79%)
- Green (71%)
- Blue (69%)



- Red (79%)
- Yellow (72%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (12%)
- Black (21%)



- Cyan (21%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.0477, 0.3332, 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 49.0477, 0.3332, 0.3353 by changing the saturation by 10% instead.


 49.0477, 0.3332,
0.3353

 49.0477, 0.3332,
0.3353


382.9301, 0.3230,
0.3323

 34.6573, 0.3357,
0.3360


 88.7623, 0.3295,
0.3342

 23.3990, 0.3390,
0.3369


114.8553, 0.3281,
0.3338

 14.8884, 0.3433,
0.3381


145.6180, 0.3269,
0.3335

 8.7411, 0.3493,
0.3397

181.4347, 0.3259,
0.3332

 4.5727, 0.3583,
0.3420

222.6899, 0.3250,
0.3329

 1.9988, 0.3730,
0.3454

269.7679, 0.3243,

 0.6068, 0.4397,

0.3327

0.3702

323.0532, 0.3236,
0.3324

0.0000, 0.0000,
0.0000

49.0477, 0.3332,
0.3353

49.0477, 0.3332,
0.3353

42.1660, 0.3543,
0.3410

56.7894, 0.3157,
0.3300

36.1080, 0.3796,
0.3468

65.4127, 0.3012,
0.3251

30.8446, 0.4097,
0.3525

74.9466, 0.2892,
0.3206

26.3424, 0.4446,
0.3576

85.2629, 0.2803,
0.3190

22.5656, 0.4836,
0.3612

91.1504, 0.2810,
0.3289

■ 19.4754, 0.5246,
0.3625

■ 17.0293, 0.5638,
0.3604

■ 15.1796, 0.5966,
0.3547

■ 14.0772, 0.6167,
0.3485

Harmonies

Analogous

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



49.0477, 0.3282, 0.3260



49.0477, 0.3332, 0.3353



49.0477, 0.3326, 0.3431

Triad

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



49.0477, 0.3332, 0.3353



49.0477, 0.3063, 0.3408



49.0477, 0.2988, 0.3111

Complementary

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



49.0477, 0.3332, 0.3353



53.0074, 0.2945, 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.



49.0477, 0.2932, 0.3146



49.0477, 0.3332, 0.3353



49.0477, 0.2974, 0.3318

Square

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



49.0477, 0.3332, 0.3353



49.0477, 0.3170, 0.3465



49.0477, 0.2927, 0.3222



49.0477, 0.3082, 0.3122

Rectangle

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



49.0477, 0.3332, 0.3353



49.0477, 0.3292, 0.3464



49.0477, 0.2927, 0.3222



49.0477, 0.2964, 0.3118

Sweetspot

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



49.0499, 0.3332, 0.3353



94.3250, 0.3192, 0.3311



47.8469, 0.3180, 0.3056



19.9669, 0.3204, 0.3315



0.0000, 0.0000, 0.0000



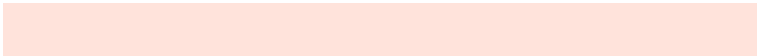
21.4041, 0.3127, 0.3290

Same Dimension

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



49.0499, 0.3332, 0.3353



81.2131, 0.3377, 0.3366



54.0631, 0.3314, 0.3496



10.9915, 0.3284, 0.3339



8.9652, 0.6144, 0.3503



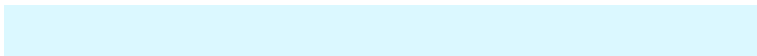
0.5323, 0.5738, 0.3826

Inverse Universe

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



53.0074, 0.2945, 0.3226



89.1612, 0.2911, 0.3213



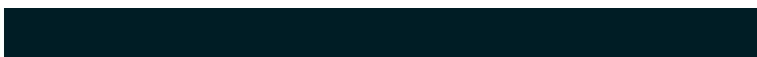
47.9189, 0.2942, 0.3075



11.6752, 0.2984, 0.3240



18.3428, 0.2058, 0.2608



0.9661, 0.2102, 0.2766

Previews

White Background



This preview shows how the Yxy color 49.0477, 0.3332, 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 49.0477, 0.3332, 0.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

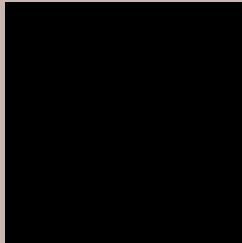
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0477, 0.3332, 0.3353

Background



This preview shows how black text looks on a background with the Yxy color 49.0477, 0.3332, 0.3353.



This preview shows how white text looks on a background with the Yxy color 49.0477, 0.3332, 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

49.0477, 0.3332, 0.3353

Protanopia

49.0290, 0.3225, 0.3367

Deuteranopia

49.0822, 0.3389, 0.3327



Tritanopia

48.8318, 0.3213, 0.3108

Trichromacy



Original Color

49.0477, 0.3332, 0.3353

Protanomaly

49.0974, 0.3269, 0.3366

Deuteranomaly

49.2012, 0.3369, 0.3340

Tritanomaly

48.8299, 0.3253, 0.3192

Monochromacy



Original Color

49.0477, 0.3332, 0.3353

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.3233, 0.3202, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0477, 0.3332, 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(201, 182, 177)` looks like.

```
.text, #text, p{  
    color:rgb(201, 182, 177)  
}
```

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(201, 182, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 182, 177) }
```

Border

The CSS property to change the border of an element to Yxy 49.0477, 0.3332, 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(201, 182, 177) }
```

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

```
.border{ border-color:rgb(201, 182, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 182, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 182, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 182, 177); box-shadow:4px 4px 4px 4px rgb(201, 182, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0477, 0.3332, 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(201, 182, 177) }
```

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

```
.background{ background-color: rgb(201,  
182, 177) }
```

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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