

Converting Colors

$Yxy(44.2082, 0.3303, 0.3264)$

Have a look what the booklet for
Yxy(44.2082, 0.3303, 0.3264)
contains.

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Color

Yxy(44.0695, 0.3301, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACAF
RGB	194, 172, 175
RGB Percent	76%, 67%, 69%
CMY	0.2393, 0.3254, 0.3137
CMYK	0.00, 0.11, 0.10, 0.24
HSL	352°, 15%, 72%
HSV	352°, 11%, 76%
XYZ	44.7335, 44.0695, 46.7120
YIQ	178.9200, 12.1490, 5.5970

Conversions

Conversions Part 2

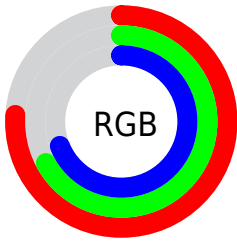
Format	Color
RYB	194, 172, 175
Decimal	12758191
CIELab	72.27, 8.43, 1.36
CIElCh	72, 8.540, 9.143
Yxy	44.0695, 0.3301, 0.3252
Android (android.graphics.Color)	4290948271 (0xFFC2ACAF)
YUV	178.9200, -1.9326, 13.2252
Hunter-Lab	66.3849, 4.1089, 4.7497

Details

The Yxy color $44.0695, 0.3301, 0.3252$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $51.1027, 0.2977, 0.3328$, and the grayscale version is $45.0398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1606, 0.3275, 0.3260$, and $20.4385, 0.3344, 0.3238$ is the 20% darker color. If you saturate the color by 10%, you get $36.6005, 0.3494, 0.3216$, and if you desaturate by 10%, it is $52.7017, 0.3145, 0.3286$.

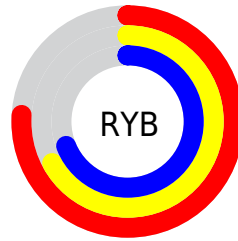
Distribution



Red (76%)

Green (67%)

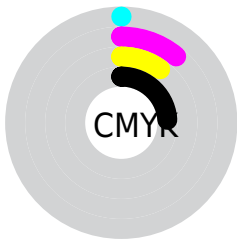
Blue (69%)



Red (76%)

Yellow (67%)

Blue (69%)

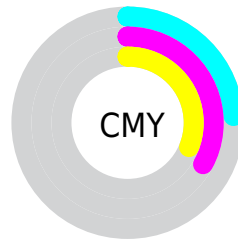


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0695, 0.3301, 0.3252 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 44.0695, 0.3301, 0.3252 by changing the saturation by 10% instead.


 44.0695, 0.3301,
0.3252

 44.0695, 0.3301,
0.3252


362.9918, 0.3213,
0.3272

 30.7252, 0.3323,
0.3247


 81.3223, 0.3269,
0.3259

 20.3896, 0.3352,
0.3240


105.9996, 0.3257,
0.3262

 12.6786, 0.3391,
0.3231


135.2232, 0.3247,
0.3264

 7.2076, 0.3446,
0.3218

169.3777, 0.3238,
0.3266

 3.5923, 0.3530,
0.3198

208.8475, 0.3230,
0.3268

 1.4482, 0.3674,
0.3162

254.0168, 0.3224,

 0.2518, 0.5080,

0.3269

0.2874

305.2701, 0.3218,
0.3271

0.0000, 0.0000,
0.0000

44.0695, 0.3301,
0.3252

44.0695, 0.3301,
0.3252

36.6005, 0.3494,
0.3216

52.7017, 0.3145,
0.3286

30.2393, 0.3733,
0.3179

62.5377, 0.3020,
0.3317

24.9349, 0.4025,
0.3144

73.6234, 0.2918,
0.3345

20.6300, 0.4375,
0.3113

86.0006, 0.2835,
0.3371

17.2615, 0.4777,
0.3093

90.2053, 0.2773,
0.3289

■ 14.7597, 0.5212,
0.3090

■ 13.0446, 0.5638,
0.3111

■ 12.0216, 0.5998,
0.3157

■ 11.5422, 0.6227,
0.3204

Harmonies

Analogous

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



44.0695, 0.3194, 0.3158



44.0695, 0.3301, 0.3252



44.0695, 0.3361, 0.3358

Triad

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



44.0695, 0.3301, 0.3252



44.0695, 0.3180, 0.3492



44.0695, 0.2902, 0.3128

Complementary

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



44.0695, 0.3301, 0.3252



51.1027, 0.2977, 0.3328

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.



44.0695, 0.2899, 0.3215



44.0695, 0.3301, 0.3252



44.0695, 0.3058, 0.3428

Square

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



44.0695, 0.3301, 0.3252



44.0695, 0.3290, 0.3499



44.0695, 0.2955, 0.3326



44.0695, 0.2964, 0.3086

Rectangle

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



44.0695, 0.3301, 0.3252



44.0695, 0.3366, 0.3422



44.0695, 0.2955, 0.3326



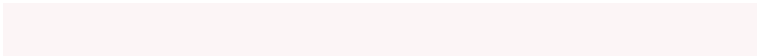
44.0695, 0.2894, 0.3153

Sweetspot

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



44.0714, 0.3301, 0.3252



92.6580, 0.3170, 0.3280



44.4386, 0.3111, 0.3013



20.0005, 0.3182, 0.3277



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.



44.0714, 0.3301, 0.3252



75.7309, 0.3353, 0.3242



46.9654, 0.3315, 0.3389



10.0998, 0.3268, 0.3259



7.5985, 0.6203, 0.3191



0.3357, 0.5698, 0.2912

Inverse Universe

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



44.0714, 0.3301, 0.3252



75.7309, 0.3353, 0.3242



47.9041, 0.2954, 0.3189



10.0998, 0.3268, 0.3259



7.5985, 0.6203, 0.3191



0.3357, 0.5698, 0.2912

Previews

White Background



This preview shows how the Yxy color 44.0695, 0.3301, 0.3252 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 44.0695, 0.3301, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

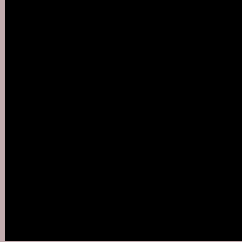
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0695, 0.3301, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 44.0695, 0.3301, 0.3252.



This preview shows how white text looks on a background with the Yxy color 44.0695, 0.3301, 0.3252.

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

44.0695, 0.3301, 0.3252

Protanopia

43.9683, 0.3146, 0.3264

Deuteranopia

44.2023, 0.3311, 0.3252



Tritanopia

44.1886, 0.3234, 0.3126

Trichromacy



Original Color

44.0695, 0.3301, 0.3252

Protanomaly

44.1486, 0.3199, 0.3264

Deuteranomaly

44.2023, 0.3311, 0.3252

Tritanomaly

44.0641, 0.3260, 0.3163

Monochromacy



Original Color

44.0695, 0.3301, 0.3252

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4554, 0.3181, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0695, 0.3301, 0.3252 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(194, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 175)  
}
```

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(194, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.0695, 0.3301, 0.3252 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(194, 172, 175) }
```

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

```
.border{ border-color:rgb(194, 172, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0695, 0.3301, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 175) }
```

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

```
.background{ background-color: rgb(194,  
172, 175) }
```

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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