

Converting Colors

Yxy(44.1640, 0.3279, 0.3220)

Have a look what the booklet for
Yxy(44.1640, 0.3279, 0.3220)
contains.

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Color

Yxy(44.1887, 0.3275, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	C2ACB2
RGB	194, 172, 178
RGB Percent	76%, 67%, 70%
CMY	0.2394, 0.3254, 0.3020
CMYK	0.00, 0.11, 0.08, 0.24
HSL	344°, 15%, 72%
HSV	344°, 11%, 76%
XYZ	45.0274, 44.1887, 48.2721
YIQ	179.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

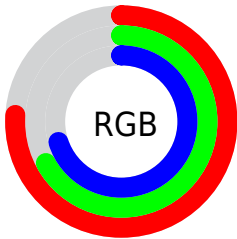
Format	Color
R _Y B	194, 172, 178
Decimal	12758194
CIE Lab	72.35, 8.94, -0.17
CIE LCh	72, 8.940, 358.932
Yxy	44.1887, 0.3275, 0.3214
Android (android.graphics.Color)	4290948274 (0xFFC2ACB2)
YUV	179.2620, -0.6222, 12.9252
Hunter-Lab	66.4746, 4.5787, 3.4774

Details

The Yxy color **44.1887, 0.3275, 0.3214** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.9670, 0.2998, 0.3367**, and the grayscale version is **45.2236, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3879, 0.3249, 0.3221**, and **20.4891, 0.3320, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **36.7996, 0.3438, 0.3142**, and if you desaturate by 10%, it is **52.7176, 0.3143, 0.3282**.

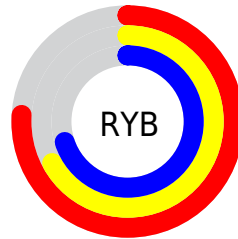
Distribution



Red (76%)

Green (67%)

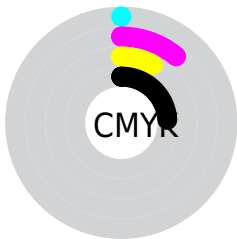
Blue (70%)



Red (76%)

Yellow (67%)

Blue (70%)

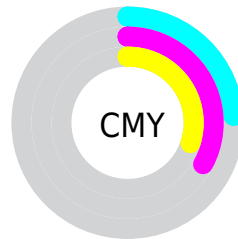


Cyan (0%)

Magenta (11%)

Yellow (8%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1887, 0.3275, 0.3214 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 44.1887, 0.3275, 0.3214 by changing the saturation by 10% instead.


 44.1887, 0.3275,
0.3214

 44.1887, 0.3275,
0.3214

363.4778, 0.3200,
0.3252

 30.8189, 0.3294,
0.3204


 81.5016, 0.3248,
0.3228

 20.4610, 0.3318,
0.3192


106.2135, 0.3238,
0.3233

 12.7306, 0.3351,
0.3175


135.4749, 0.3229,
0.3238

 7.2433, 0.3397,
0.3151

169.6701, 0.3222,
0.3242

 3.6147, 0.3467,
0.3115

209.1836, 0.3215,
0.3245

 1.4605, 0.3587,
0.3054

254.3998, 0.3210,

 0.2607, 0.4559,

0.3248

0.2550

305.7031, 0.3205,
0.3250

0.0000, 0.0000,
0.0000

44.1887, 0.3275,
0.3214

44.1887, 0.3275,
0.3214

36.7996, 0.3438,
0.3142

52.7176, 0.3143,
0.3282

30.4961, 0.3637,
0.3069

62.4257, 0.3035,
0.3344

25.2285, 0.3878,
0.2996

73.3578, 0.2947,
0.3401

20.9409, 0.4166,
0.2931

85.5547, 0.2875,
0.3454

17.5720, 0.4499,
0.2882

89.7957, 0.2805,
0.3357

■ 15.0537, 0.4866,
0.2859

■ 90.2035, 0.2773,
0.3289

■ 13.3080, 0.5244,
0.2873

■ 12.2426, 0.5599,
0.2930

■ 11.7189, 0.5866,
0.3005

Harmonies

Analogous

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



44.1887, 0.3153, 0.3125



44.1887, 0.3275, 0.3214



44.1887, 0.3358, 0.3323

Triad

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



44.1887, 0.3275, 0.3214



44.1887, 0.3225, 0.3511



44.1887, 0.2884, 0.3147

Complementary

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



44.1887, 0.3275, 0.3214



50.9670, 0.2998, 0.3367

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.



44.1887, 0.2902, 0.3250



44.1887, 0.3275, 0.3214



44.1887, 0.3097, 0.3464

Square

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



44.1887, 0.3275, 0.3214



44.1887, 0.3328, 0.3497



44.1887, 0.2980, 0.3367



44.1887, 0.2929, 0.3085

Rectangle

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



44.1887, 0.3275, 0.3214



44.1887, 0.3378, 0.3395



44.1887, 0.2980, 0.3367



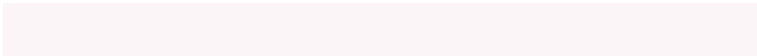
44.1887, 0.2883, 0.3178

Sweetspot

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



44.1906, 0.3275, 0.3214



92.7213, 0.3164, 0.3270



44.0646, 0.3086, 0.3011



20.0179, 0.3174, 0.3265



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.



44.1906, 0.3275, 0.3214



75.9917, 0.3319, 0.3194



45.7977, 0.3320, 0.3351



10.1220, 0.3247, 0.3228



7.7207, 0.5832, 0.2986



0.3456, 0.5174, 0.2624

Inverse Universe

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



44.1906, 0.3275, 0.3214



75.9917, 0.3319, 0.3194



49.1488, 0.2955, 0.3228



10.1220, 0.3247, 0.3228



7.7207, 0.5832, 0.2986



0.3456, 0.5174, 0.2624

Previews

White Background



This preview shows how the Yxy color 44.1887, 0.3275, 0.3214 looks on a white background.

Color Contrast Check

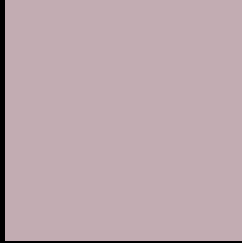
Large Text (above 18pt) WCAG AA × Fail

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 44.1887, 0.3275, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

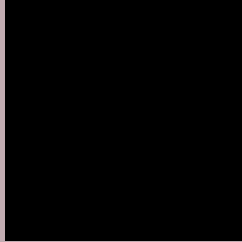
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1887, 0.3275, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 44.1887, 0.3275, 0.3214.



This preview shows how white text looks on a background with the Yxy color 44.1887, 0.3275, 0.3214.

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

44.1887, 0.3275, 0.3214

Protanopia

44.4838, 0.3121, 0.3237

Deuteranopia

44.1887, 0.3275, 0.3214



Tritanopia

44.1886, 0.3234, 0.3126

Trichromacy



Original Color

44.1887, 0.3275, 0.3214

Protanomaly

44.2695, 0.3174, 0.3225

Deuteranomaly

44.1887, 0.3275, 0.3214

Tritanomaly

44.1053, 0.3251, 0.3151

Monochromacy



Original Color

44.1887, 0.3275, 0.3214

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.4957, 0.3173, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1887, 0.3275, 0.3214 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.1887, 0.3275, 0.3214 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, 178) }
```

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

```
.border{ border-color:rgb(194, 172, 178) }
```

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, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1887, 0.3275, 0.3214 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, 178) }
```

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

```
.background{ background-color: rgb(194,  
172, 178) }
```

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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