

Converting Colors

$Yxy(44.6702, 0.3491, 0.3418)$

Have a look what the booklet for
Yxy(44.6702, 0.3491, 0.3418)
contains.

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Color

Yxy(44.6702, 0.3491, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	CAACA2
RGB	202, 172, 162
RGB Percent	79%, 67%, 64%
CMY	0.2080, 0.3254, 0.3647
CMYK	0.00, 0.15, 0.20, 0.21
HSL	15°, 27%, 71%
HSV	15°, 20%, 79%
XYZ	45.6242, 44.6702, 40.3966
YIQ	179.8300, 21.0900, 3.2500

Conversions

Conversions Part 2

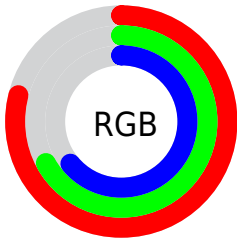
Format	Color
R _Y B	202, 175, 162
Decimal	13282466
CIE Lab	72.67, 9.28, 9.18
CIE LCh	73, 13.046, 44.689
Yxy	44.6702, 0.3491, 0.3418
Android (android.graphics.Color)	4291472546 (0xFFCAACA2)
YUV	179.8300, -8.7902, 19.4431
Hunter-Lab	66.8358, 4.8872, 10.9492

Details

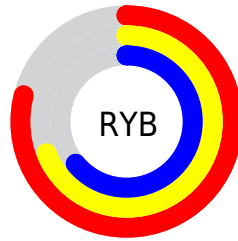
The Yxy color $44.6702, 0.3491, 0.3418$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $49.6187, 0.2826, 0.3158$, and the grayscale version is $45.5847, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.2079, 0.3392, 0.3391$, and $20.7618, 0.3597, 0.3463$ is the 20% darker color. If you saturate the color by 10%, you get $38.5740, 0.3730, 0.3487$, and if you desaturate by 10%, it is $51.5418, 0.3291, 0.3351$.

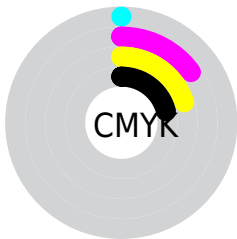
Distribution



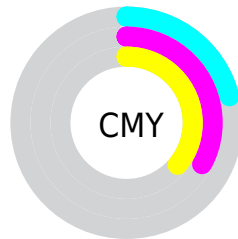
- Red (79%)
- Green (67%)
- Blue (64%)



- Red (79%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (21%)




- Cyan (21%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6702, 0.3491, 0.3418 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 44.6702, 0.3491, 0.3418 by changing the saturation by 10% instead.

 44.6702, 0.3491,
0.3418


 44.6702, 0.3491,
0.3418


365.4362, 0.3307,
0.3356

 31.1977, 0.3538,
0.3433


 82.2253, 0.3423,
0.3396

 20.7495, 0.3598,
0.3451


 107.0767, 0.3398,
0.3388

 12.9410, 0.3680,
0.3475


136.4899, 0.3377,
0.3380

 7.3879, 0.3795,
0.3507

170.8492, 0.3359,
0.3374

 3.7059, 0.3970,
0.3551

210.5392, 0.3343,
0.3369

 1.5104, 0.4267,
0.3613

255.9440, 0.3329,

 0.2961, 0.6317,

0.3364

0.3683

307.4482, 0.3317,
0.3360

0.0000, 0.0000,
0.0000

44.6702, 0.3491,
0.3418

44.6702, 0.3491,
0.3418

38.5740, 0.3730,
0.3487

51.5418, 0.3291,
0.3351

33.2197, 0.4012,
0.3556

59.2086, 0.3124,
0.3289

28.5803, 0.4338,
0.3619

67.6975, 0.2985,
0.3231

24.6247, 0.4705,
0.3669

77.0322, 0.2868,
0.3178

21.3197, 0.5096,
0.3694

86.7107, 0.2811,
0.3212

■ 18.6288, 0.5481,
0.3685

■ 91.2921, 0.2816,
0.3289

■ 16.5117, 0.5819,
0.3635

■ 14.9169, 0.6080,
0.3552

■ 14.8886, 0.6085,
0.3550

Harmonies

Analogous

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



44.6702, 0.3416, 0.3260



44.6702, 0.3491, 0.3418



44.6702, 0.3465, 0.3549

Triad

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



44.6702, 0.3491, 0.3418



44.6702, 0.2989, 0.3476



44.6702, 0.2906, 0.2979

Complementary

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



44.6702, 0.3491, 0.3418



49.6187, 0.2826, 0.3158

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.



44.6702, 0.2798, 0.3025



44.6702, 0.3491, 0.3418



44.6702, 0.2845, 0.3311

Square

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



44.6702, 0.3491, 0.3418



44.6702, 0.3172, 0.3589



44.6702, 0.2777, 0.3145



44.6702, 0.3074, 0.3012

Rectangle

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



44.6702, 0.3491, 0.3418



44.6702, 0.3395, 0.3602



44.6702, 0.2777, 0.3145



44.6702, 0.2862, 0.2986

Sweetspot

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



44.6722, 0.3491, 0.3418



91.9561, 0.3225, 0.3328



42.1954, 0.3237, 0.2920



19.5015, 0.3237, 0.3332



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.



44.6722, 0.3491, 0.3418



70.8184, 0.3594, 0.3449



52.8488, 0.3445, 0.3662



11.6631, 0.3284, 0.3349



9.7049, 0.6062, 0.3569



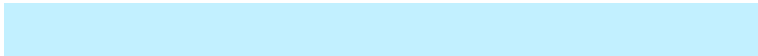
0.6250, 0.5668, 0.3882

Inverse Universe

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



49.6187, 0.2826, 0.3158



80.7799, 0.2758, 0.3125



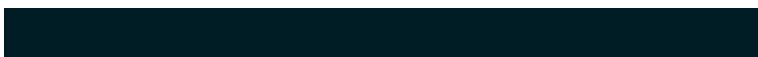
41.4439, 0.2809, 0.2888



12.2321, 0.2983, 0.3231



17.2068, 0.2018, 0.2464



1.0037, 0.2068, 0.2644

Previews

White Background



This preview shows how the Yxy color 44.6702, 0.3491, 0.3418 looks on a white background.

Color Contrast Check

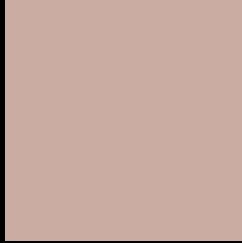
Large Text (above 18pt) WCAG AA × Fail

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 44.6702, 0.3491, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

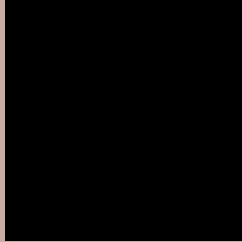
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6702, 0.3491, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 44.6702, 0.3491, 0.3418.



This preview shows how white text looks on a background with the Yxy color 44.6702, 0.3491, 0.3418.

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

44.6702, 0.3491, 0.3418

Protanopia

44.8717, 0.3296, 0.3462

Deuteranopia

44.6702, 0.3491, 0.3418



Tritanopia

44.5907, 0.3336, 0.3130

Trichromacy



Original Color

44.6702, 0.3491, 0.3418

Protanomaly

44.8074, 0.3363, 0.3447

Deuteranomaly

44.6702, 0.3491, 0.3418

Tritanomaly

44.5411, 0.3388, 0.3228

Monochromacy



Original Color

44.6702, 0.3491, 0.3418

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1528, 0.3257, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6702, 0.3491, 0.3418 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(202, 172, 162)` looks like.

```
.text, #text, p{  
    color:rgb(202, 172, 162)  
}
```

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(202, 172, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 172, 162) }
```

Border

The CSS property to change the border of an element to Yxy 44.6702, 0.3491, 0.3418 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(202, 172, 162) }
```

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

```
.border{ border-color:rgb(202, 172, 162) }
```

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

Here you see how a box with a 4 pixel rgb(202, 172, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 172, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 172, 162);  
box-shadow:4px 4px 4px 4px rgb(202, 172,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6702, 0.3491, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 172, 162) }
```

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

```
.background{ background-color: rgb(202,  
172, 162) }
```

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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