

Converting Colors

$Yxy(45.1644, 0.3280, 0.3291)$

Have a look what the booklet for
Yxy(45.1644, 0.3280, 0.3291)
contains.

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Color

Yxy(44.9616, 0.3279, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	C0AFAF
RGB	192, 175, 175
RGB Percent	75%, 69%, 69%
CMY	0.2470, 0.3137, 0.3136
CMYK	0.00, 0.09, 0.09, 0.25
HSL	360°, 12%, 72%
HSV	360°, 9%, 75%
XYZ	44.8113, 44.9616, 46.8885
YIQ	180.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

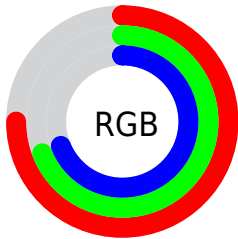
Format	Color
R_{YB}	192, 175, 175
Decimal	12627887
CIE Lab	72.87, 6.11, 2.19
CIE LCh	73, 6.487, 19.708
Yxy	44.9616, 0.3279, 0.3290
Android (android.graphics.Color)	4290817967 (0xFFC0AFAF)
YUV	180.0830, -2.5059, 10.4512
Hunter-Lab	67.0534, 1.9467, 5.4776

Details

The Yxy color $44.9616, 0.3279, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $50.6253, 0.2992, 0.3290$, and the grayscale version is $45.7011, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8215, 0.3251, 0.3300$, and $20.9993, 0.3313, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $37.3125, 0.3491, 0.3290$, and if you desaturate by 10%, it is $53.7843, 0.3110, 0.3290$.

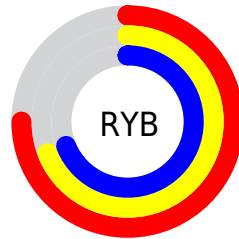
Distribution



Red (75%)

Green (69%)

Blue (69%)



Red (75%)

Yellow (69%)

Blue (69%)

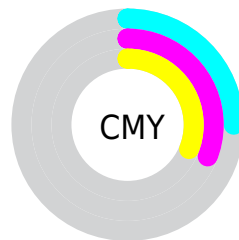


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (25%)



Cyan (25%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9616, 0.3279, 0.3290 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 44.9616, 0.3279, 0.3290 by changing the saturation by 10% instead.


 44.9616, 0.3279,
0.3290

 44.9616, 0.3279,
0.3290

366.6180, 0.3202,
0.3290

 31.4272, 0.3298,
0.3290


 82.6628, 0.3251,
0.3290

 20.9244, 0.3323,
0.3289


107.5983, 0.3241,
0.3290

 13.0687, 0.3357,
0.3289


137.1031, 0.3232,
0.3290

 7.4759, 0.3404,
0.3288

171.5614, 0.3224,
0.3290

 3.7615, 0.3477,
0.3285

211.3576, 0.3218,
0.3290

 1.5410, 0.3599,
0.3280

256.8762, 0.3212,

 0.3174, 0.4692,

0.3290

0.3303

308.5015, 0.3207,
0.3290

0.0000, 0.0000,
0.0000

44.9616, 0.3279,
0.3290

44.9616, 0.3279,
0.3290

37.3125, 0.3491,
0.3290

53.7843, 0.3110,
0.3290

30.7821, 0.3755,
0.3290

63.8210, 0.2974,
0.3290

25.3197, 0.4080,
0.3291

75.1172, 0.2865,
0.3290

20.8685, 0.4472,
0.3292

87.7145, 0.2776,
0.3290

17.3664, 0.4921,
0.3293

89.9487, 0.2763,
0.3289

■ 14.7447, 0.5398,
0.3294

■ 12.9252, 0.5844,
0.3296

■ 11.8160, 0.6184,
0.3298

■ 11.2616, 0.6380,
0.3299

Harmonies

Analogous

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



44.9616, 0.3209, 0.3213



44.9616, 0.3279, 0.3290



44.9616, 0.3308, 0.3368

Triad

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



44.9616, 0.3279, 0.3290



44.9616, 0.3135, 0.3429



44.9616, 0.2969, 0.3152

Complementary

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



44.9616, 0.3279, 0.3290



50.6253, 0.2992, 0.3290

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.



44.9616, 0.2950, 0.3208



44.9616, 0.3279, 0.3290



44.9616, 0.3045, 0.3369

Square

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



44.9616, 0.3279, 0.3290



44.9616, 0.3224, 0.3451



44.9616, 0.2978, 0.3287



44.9616, 0.3030, 0.3134

Rectangle

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



44.9616, 0.3279, 0.3290



44.9616, 0.3300, 0.3411



44.9616, 0.2978, 0.3287



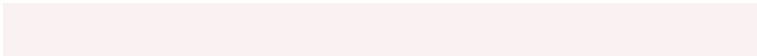
44.9616, 0.2957, 0.3167

Sweetspot

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



44.9636, 0.3279, 0.3290



90.4859, 0.3176, 0.3290



45.6368, 0.3135, 0.3075



19.1327, 0.3190, 0.3290



97.7402, 0.3127, 0.3290



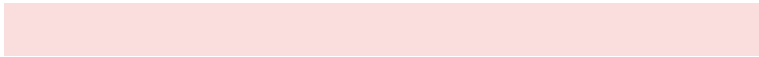
20.4902, 0.3127, 0.3290

Same Dimension

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



44.9636, 0.3279, 0.3290



78.0655, 0.3324, 0.3290



48.2627, 0.3268, 0.3395



10.0782, 0.3289, 0.3290



7.5414, 0.6398, 0.3298



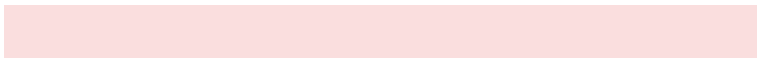
0.3260, 0.6389, 0.3293

Inverse Universe

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



44.9636, 0.3279, 0.3290



78.0655, 0.3324, 0.3290



47.1140, 0.2992, 0.3182



10.0782, 0.3289, 0.3290



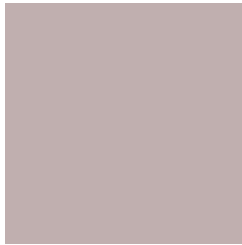
7.5414, 0.6398, 0.3298



0.3260, 0.6389, 0.3293

Previews

White Background



This preview shows how the Yxy color 44.9616, 0.3279, 0.3290 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 44.9616, 0.3279, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

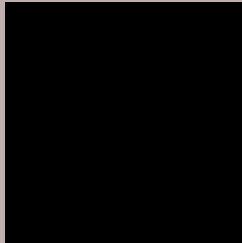
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9616, 0.3279, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 44.9616, 0.3279, 0.3290.



This preview shows how white text looks on a background with the Yxy color 44.9616, 0.3279, 0.3290.

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

44.9616, 0.3279, 0.3290

Protanopia

44.9602, 0.3170, 0.3303

Deuteranopia

44.8526, 0.3327, 0.3265



Tritanopia

44.9443, 0.3198, 0.3113

Trichromacy



Original Color

44.9616, 0.3279, 0.3290

Protanomaly

45.0180, 0.3215, 0.3303

Deuteranomaly

44.9694, 0.3308, 0.3278

Tritanomaly

45.0285, 0.3221, 0.3176

Monochromacy



Original Color

44.9616, 0.3279, 0.3290

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2455, 0.3179, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9616, 0.3279, 0.3290 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(192, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(192, 175, 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(192, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 175, 175) }
```

Border

The CSS property to change the border of an element to Yxy 44.9616, 0.3279, 0.3290 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(192, 175, 175) }
```

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

```
.border{ border-color:rgb(192, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(192, 175,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9616, 0.3279, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 175, 175) }
```

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

```
.background{ background-color: rgb(192,  
175, 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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