

Converting Colors

$Yxy(44.2247, 0.3245, 0.3237)$

Have a look what the booklet for
Yxy(44.2247, 0.3245, 0.3237)
contains.

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Color

Yxy(44.0486, 0.3238, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	BEADB2
RGB	190, 173, 178
RGB Percent	75%, 68%, 70%
CMY	0.2549, 0.3215, 0.3020
CMYK	0.00, 0.09, 0.06, 0.25
HSL	342°, 12%, 71%
HSV	342°, 9%, 75%
XYZ	44.2125, 44.0486, 48.2814
YIQ	178.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

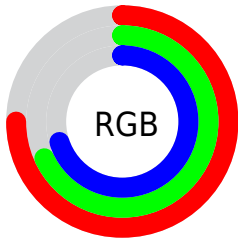
Format	Color
R _{YB}	190, 173, 178
Decimal	12496306
CIE Lab	72.26, 6.98, -0.34
CIE LCh	72, 6.984, 357.229
Yxy	44.0486, 0.3238, 0.3226
Android (android.graphics.Color)	4290686386 (0xFFBEADB2)
YUV	178.6530, -0.3219, 9.9513
Hunter-Lab	66.3691, 2.7636, 3.3268

Details

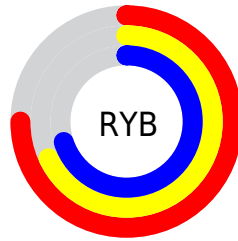
The Yxy color $44.0486, 0.3238, 0.3226$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $49.2147, 0.3027, 0.3355$, and the grayscale version is $44.8837, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0201, 0.3213, 0.3230$, and $20.4738, 0.3280, 0.3220$ is the 20% darker color. If you saturate the color by 10%, you get $36.7607, 0.3388, 0.3150$, and if you desaturate by 10%, it is $52.4294, 0.3115, 0.3297$.

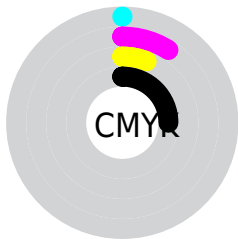
Distribution



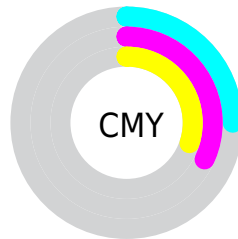
- Red (75%)
- Green (68%)
- Blue (70%)



- Red (75%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (9%)
- Yellow (6%)
- Black (25%)





- Cyan (25%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0486, 0.3238, 0.3226 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 44.0486, 0.3238, 0.3226 by changing the saturation by 10% instead.


 44.0486, 0.3238,
0.3226

 44.0486, 0.3238,
0.3226


362.9066, 0.3182,
0.3258

 30.7087, 0.3252,
0.3218


 81.2909, 0.3218,
0.3238

 20.3771, 0.3270,
0.3207

105.9620, 0.3210,
0.3242

 12.6695, 0.3295,
0.3193


135.1791, 0.3203,
0.3246

 7.2014, 0.3330,
0.3173

169.3265, 0.3198,
0.3249

 3.5883, 0.3382,
0.3143

208.7885, 0.3193,
0.3252

 1.4461, 0.3472,
0.3091

253.9496, 0.3189,

 0.2503, 0.4276,

0.3254

0.2622

305.1941, 0.3185,
0.3256

0.0000, 0.0000,
0.0000

44.0486, 0.3238,
0.3226

44.0486, 0.3238,
0.3226

36.7607, 0.3388,
0.3150

52.4294, 0.3115,
0.3297

30.5149, 0.3573,
0.3071

61.9397, 0.3015,
0.3363

25.2650, 0.3796,
0.2993

72.6216, 0.2934,
0.3424

20.9590, 0.4063,
0.2920

84.5131, 0.2867,
0.3479

17.5401, 0.4374,
0.2861

89.0695, 0.2801,
0.3394

■ 14.9455, 0.4722,
0.2826

■ 89.6868, 0.2752,
0.3289

■ 13.1040, 0.5089,
0.2827

■ 11.9319, 0.5446,
0.2872

■ 11.2864, 0.5761,
0.2956

Harmonies

Analogous

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



44.0486, 0.3142, 0.3157



44.0486, 0.3238, 0.3226



44.0486, 0.3305, 0.3312

Triad

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



44.0486, 0.3238, 0.3226



44.0486, 0.3209, 0.3463



44.0486, 0.2936, 0.3182

Complementary

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



44.0486, 0.3238, 0.3226



49.2147, 0.3027, 0.3355

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.



44.0486, 0.2953, 0.3264



44.0486, 0.3238, 0.3226



44.0486, 0.3110, 0.3428

Square

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



44.0486, 0.3238, 0.3226



44.0486, 0.3288, 0.3450



44.0486, 0.3016, 0.3355



44.0486, 0.2968, 0.3131

Rectangle

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



44.0486, 0.3238, 0.3226



44.0486, 0.3323, 0.3368



44.0486, 0.3016, 0.3355



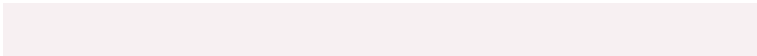
44.0486, 0.2936, 0.3207

Sweetspot

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



44.0505, 0.3238, 0.3226



88.5335, 0.3163, 0.3269



43.9096, 0.3093, 0.3071



19.1683, 0.3173, 0.3263



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.



44.0505, 0.3238, 0.3226



76.7060, 0.3269, 0.3209



45.1742, 0.3276, 0.3334



9.5811, 0.3244, 0.3223



7.4788, 0.5759, 0.2946



0.3048, 0.5055, 0.2558

Inverse Universe

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



44.0505, 0.3238, 0.3226



76.7060, 0.3269, 0.3209



47.9737, 0.2991, 0.3245



9.5811, 0.3244, 0.3223



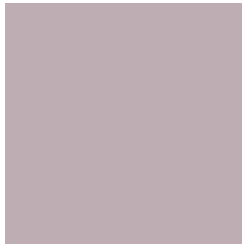
7.4788, 0.5759, 0.2946



0.3048, 0.5055, 0.2558

Previews

White Background



This preview shows how the Yxy color 44.0486, 0.3238, 0.3226 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 44.0486, 0.3238, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

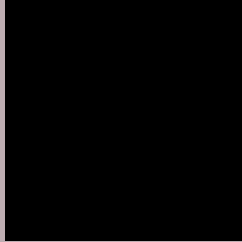
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

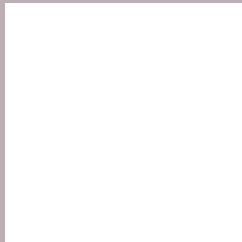
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0486, 0.3238, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 44.0486, 0.3238, 0.3226.



This preview shows how white text looks on a background with the Yxy color 44.0486, 0.3238, 0.3226.

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

44.0486, 0.3238, 0.3226

Protanopia

44.0493, 0.3130, 0.3237

Deuteranopia

44.1887, 0.3275, 0.3214



Tritanopia

44.0842, 0.3189, 0.3124

Trichromacy



Original Color

44.0486, 0.3238, 0.3226

Protanomaly

44.1050, 0.3174, 0.3238

Deuteranomaly

44.0569, 0.3266, 0.3213

Tritanomaly

43.9588, 0.3214, 0.3162

Monochromacy



Original Color

44.0486, 0.3238, 0.3226

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7662, 0.3163, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0486, 0.3238, 0.3226 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(190, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(190, 173, 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(190, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 173, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.0486, 0.3238, 0.3226 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(190, 173, 178) }
```

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

```
.border{ border-color:rgb(190, 173, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 173, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 173, 178);  
box-shadow:4px 4px 4px 4px rgb(190, 173,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0486, 0.3238, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 173, 178) }
```

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

```
.background{ background-color: rgb(190,  
173, 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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