

Converting Colors

Yxy(44.5610, 0.3163, 0.3160)

Have a look what the booklet for
Yxy(44.5610, 0.3163, 0.3160)
contains.

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Color

Yxy(44.4242, 0.3169, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	BCAEB8
RGB	188, 174, 184
RGB Percent	74%, 68%, 72%
CMY	0.2625, 0.3177, 0.2784
CMYK	0.00, 0.07, 0.02, 0.26
HSL	317°, 10%, 71%
HSV	317°, 7%, 74%
XYZ	44.5366, 44.4242, 51.5776
YIQ	179.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

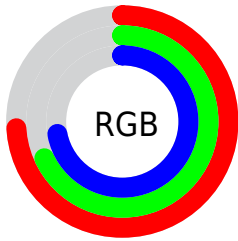
Format	Color
R _Y B	188, 174, 184
Decimal	12365496
CIE Lab	72.51, 6.84, -3.30
CIE LCh	73, 7.597, 334.246
Yxy	44.4242, 0.3169, 0.3161
Android (android.graphics.Color)	4290555576 (0xFFBCAEB8)
YUV	179.3260, 2.3043, 7.6071
Hunter-Lab	66.6515, 2.6339, 0.7750

Details

The Yxy color $44.4242, 0.3169, 0.3161$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.2017, 0.3088, 0.3423$, and the grayscale version is $45.2519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.5630, 0.3160, 0.3179$, and $20.7087, 0.3183, 0.3132$ is the 20% darker color. If you saturate the color by 10%, you get $37.4397, 0.3233, 0.2982$, and if you desaturate by 10%, it is $52.4384, 0.3114, 0.3332$.

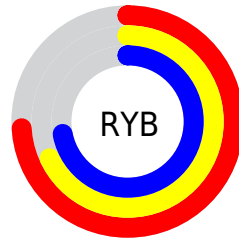
Distribution



Red (74%)

Green (68%)

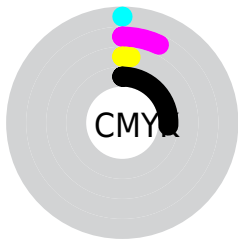
Blue (72%)



Red (74%)

Yellow (68%)

Blue (72%)

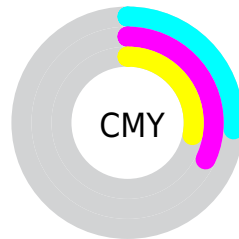


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.4242, 0.3169, 0.3161 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 44.4242, 0.3169, 0.3161 by changing the saturation by 10% instead.

■ 44.4242, 0.3169,
0.3161

■ 44.4242, 0.3169,
0.3161

364.4365, 0.3148,
0.3226

■ 31.0041, 0.3174,
0.3145

■ 81.8557, 0.3161,
0.3184

■ 20.6020, 0.3181,
0.3124

106.6359, 0.3159,
0.3193

■ 12.8334, 0.3189,
0.3097

135.9716, 0.3156,
0.3201

■ 7.3139, 0.3202,
0.3058

170.2472, 0.3154,
0.3207

■ 3.6592, 0.3220,
0.3001

209.8471, 0.3152,
0.3213

■ 1.4848, 0.3249,
0.2906

255.1557, 0.3151,

■ 0.2780, 0.3470,

0.3217

0.2237

306.5574, 0.3149,
0.3222

0.0000, 0.0000,
0.0000

44.4242, 0.3169,
0.3161

44.4242, 0.3169,
0.3161

37.4397, 0.3233,
0.2982

52.4384, 0.3114,
0.3332

31.4370, 0.3309,
0.2798

61.5163, 0.3068,
0.3493

26.3730, 0.3395,
0.2616

71.6973, 0.3029,
0.3643

22.1992, 0.3492,
0.2442

83.0171, 0.2997,
0.3782

18.8625, 0.3599,
0.2286

86.9239, 0.2968,
0.3779

■ 16.3044, 0.3714,
0.2158

■ 87.1999, 0.2939,
0.3716

■ 14.4586, 0.3834,
0.2069

■ 87.4852, 0.2911,
0.3654

■ 13.2477, 0.3954,
0.2026

■ 87.7797, 0.2882,
0.3593

■ 12.5592, 0.4071,
0.2029

■ 88.0837, 0.2854,
0.3532

Harmonies

Analogous

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



44.4242, 0.3060, 0.3114



44.4242, 0.3169, 0.3161



44.4242, 0.3268, 0.3241

Triad

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



44.4242, 0.3169, 0.3161



44.4242, 0.3285, 0.3471



44.4242, 0.2929, 0.3239

Complementary

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



44.4242, 0.3169, 0.3161



48.2017, 0.3088, 0.3423

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.



44.4242, 0.2987, 0.3338



44.4242, 0.3169, 0.3161



44.4242, 0.3192, 0.3474

Square

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



44.4242, 0.3169, 0.3161



44.4242, 0.3335, 0.3420



44.4242, 0.3083, 0.3425



44.4242, 0.2923, 0.3157

Rectangle

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



44.4242, 0.3169, 0.3161



44.4242, 0.3315, 0.3304



44.4242, 0.3083, 0.3425



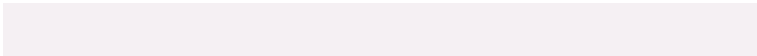
44.4242, 0.2943, 0.3272

Sweetspot

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



44.4261, 0.3169, 0.3161



88.1349, 0.3138, 0.3255



43.3620, 0.3048, 0.3105



18.9858, 0.3137, 0.3257



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.4261, 0.3169, 0.3161



78.2282, 0.3179, 0.3132



44.1409, 0.3227, 0.3251



9.6482, 0.3180, 0.3128



8.4630, 0.4087, 0.2025



0.3423, 0.3831, 0.1884

Inverse Universe

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



44.4261, 0.3169, 0.3161



78.2282, 0.3179, 0.3132



48.4890, 0.3036, 0.3330



9.6482, 0.3180, 0.3128



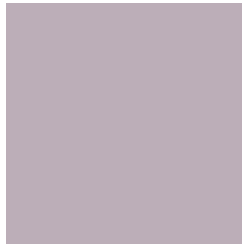
8.4630, 0.4087, 0.2025



0.3423, 0.3831, 0.1884

Previews

White Background



This preview shows how the Yxy color 44.4242, 0.3169, 0.3161 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 44.4242, 0.3169, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

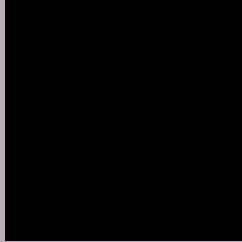
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

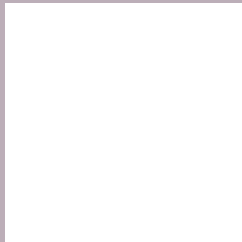
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4242, 0.3169, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 44.4242, 0.3169, 0.3161.



This preview shows how white text looks on a background with the Yxy color 44.4242, 0.3169, 0.3161.

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

44.4242, 0.3169, 0.3161

Protanopia

44.5732, 0.3072, 0.3172

Deuteranopia

44.5543, 0.3205, 0.3150



Tritanopia

44.2938, 0.3153, 0.3111

Trichromacy



Original Color

44.4242, 0.3169, 0.3161

Protanomaly

44.4985, 0.3107, 0.3172

Deuteranomaly

44.4242, 0.3196, 0.3150

Tritanomaly

44.2511, 0.3162, 0.3123

Monochromacy



Original Color

44.4242, 0.3169, 0.3161

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7256, 0.3138, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4242, 0.3169, 0.3161 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(188, 174, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 174, 184)  
}
```

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(188, 174, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 174, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.4242, 0.3169, 0.3161 is called "border". The border property can be set on classes, ids or directly on the HTML element.

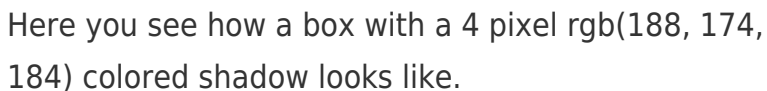
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 174, 184) }
```

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

```
.border{ border-color:rgb(188, 174, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 174, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 174, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 174, 184); box-shadow:4px 4px 4px 4px rgb(188, 174, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4242, 0.3169, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 174, 184) }
```

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

```
.background{ background-color: rgb(188,  
174, 184) }
```

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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