

Converting Colors

$Yxy(40.4534, 0.3160, 0.2954)$

Have a look what the booklet for
Yxy(40.4534, 0.3160, 0.2954)
contains.

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Color

Yxy(40.4187, 0.3161, 0.2956)

Conversions

Conversions Part 1

Format	Color
Hex	BEA2BC
RGB	190, 162, 188
RGB Percent	75%, 64%, 74%
CMY	0.2551, 0.3646, 0.2628
CMYK	0.00, 0.15, 0.01, 0.26
HSL	304°, 18%, 69%
HSV	304°, 15%, 74%
XYZ	43.2218, 40.4187, 53.0940
YIQ	173.3360, 8.3420, 14.0220

Conversions

Conversions Part 2

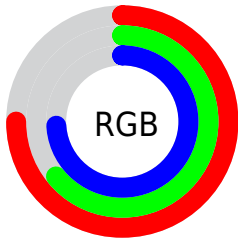
Format	Color
R _Y B	190, 162, 188
Decimal	12493500
CIE Lab	69.77, 14.81, -9.55
CIE LCh	70, 17.621, 327.199
Yxy	40.4187, 0.3161, 0.2956
Android (android.graphics.Color)	4290683580 (0xFFBEA2BC)
YUV	173.3360, 7.2294, 14.6143
Hunter-Lab	63.5757, 10.0952, -5.0119

Details

The Yxy color $40.4187, 0.3161, 0.2956$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $47.1681, 0.3094, 0.3648$, and the grayscale version is $41.9271, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.7502, 0.3154, 0.3019$, and $18.1354, 0.3161, 0.2851$ is the 20% darker color. If you saturate the color by 10%, you get $34.1678, 0.3187, 0.2723$, and if you desaturate by 10%, it is $47.6845, 0.3137, 0.3185$.

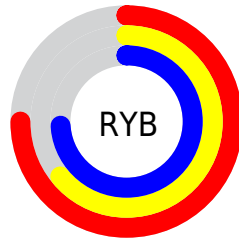
Distribution



Red (75%)

Green (64%)

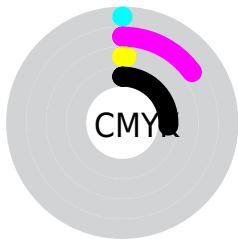
Blue (74%)



Red (75%)

Yellow (64%)

Blue (74%)

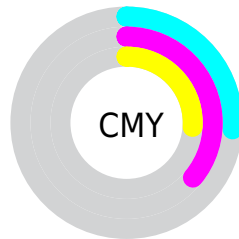


Cyan (0%)

Magenta (15%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (36%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4187, 0.3161, 0.2956 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 40.4187, 0.3161, 0.2956 by changing the saturation by 10% instead.


 40.4187, 0.3161,
0.2956


 40.4187, 0.3161,
0.2956


347.8852, 0.3146,
0.3123

 27.8651, 0.3164,
0.2914


 75.8007, 0.3156,
0.3017

 18.2240, 0.3168,
0.2861


 99.3979, 0.3154,
0.3039

 11.1109, 0.3173,
0.2790


127.4451, 0.3152,
0.3058

 6.1415, 0.3179,
0.2692

160.3267, 0.3150,
0.3075

 2.9313, 0.3186,
0.2546

198.4272, 0.3149,
0.3089

 1.0960, 0.3191,
0.2306

242.1308, 0.3148,


 0.0000, 0.3452,


0.3102


0.0000

291.8220, 0.3147,
0.3113


 0.0000, 0.0000,
0.0000


 40.4187, 0.3161,
0.2956


 40.4187, 0.3161,
0.2956


 34.1678, 0.3187,
0.2723


 47.6845, 0.3137,
0.3185


 28.8813, 0.3215,
0.2494


 56.0023, 0.3116,
0.3405


 24.5124, 0.3244,
0.2277

 65.4137, 0.3097,
0.3614

 21.0082, 0.3274,
0.2080

 75.9566, 0.3081,
0.3808

 18.3106, 0.3303,
0.1914

 86.3848, 0.3067,
0.3967

■ 16.3541, 0.3332,
0.1785

■ 86.4451, 0.3060,
0.3952

■ 15.0633, 0.3358,
0.1699

■ 86.5061, 0.3053,
0.3936

■ 14.3466, 0.3382,
0.1656

■ 86.5676, 0.3046,
0.3921

■ 14.0999, 0.3394,
0.1643

■ 86.6296, 0.3039,
0.3905

Harmonies

Analogous

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



40.4187, 0.2908, 0.2868



40.4187, 0.3161, 0.2956



40.4187, 0.3414, 0.3124

Triad

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



40.4187, 0.3161, 0.2956



40.4187, 0.3543, 0.3701



40.4187, 0.2683, 0.3214

Complementary

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



40.4187, 0.3161, 0.2956



47.1681, 0.3094, 0.3648

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.



40.4187, 0.2840, 0.3459



40.4187, 0.3161, 0.2956



40.4187, 0.3335, 0.3749

Square

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



40.4187, 0.3161, 0.2956



40.4187, 0.3639, 0.3547



40.4187, 0.3077, 0.3660



40.4187, 0.2640, 0.3004

Rectangle

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



40.4187, 0.3161, 0.2956



40.4187, 0.3545, 0.3264



40.4187, 0.3077, 0.3660



40.4187, 0.2724, 0.3295

Sweetspot

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



40.4205, 0.3161, 0.2956



87.3648, 0.3136, 0.3199



37.4456, 0.2910, 0.2905



18.9474, 0.3138, 0.3182



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.



40.4205, 0.3161, 0.2956



69.0135, 0.3170, 0.2873



39.8509, 0.3285, 0.3132



9.6844, 0.3148, 0.3079



9.3862, 0.3391, 0.1642



0.3712, 0.3343, 0.1615

Inverse Universe

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



40.4205, 0.3161, 0.2956



69.0135, 0.3170, 0.2873



47.6966, 0.2993, 0.3454



9.6844, 0.3148, 0.3079



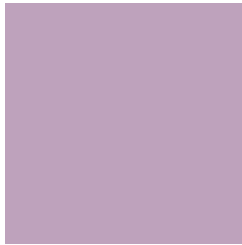
9.3862, 0.3391, 0.1642



0.3712, 0.3343, 0.1615

Previews

White Background



This preview shows how the Yxy color 40.4187, 0.3161, 0.2956 looks on a white background.

Color Contrast Check

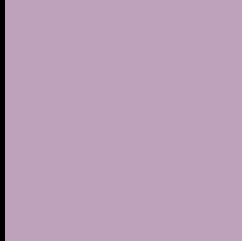
Large Text (above 18pt) WCAG AA × Fail

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 40.4187, 0.3161, 0.2956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

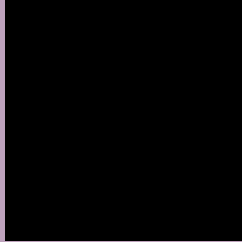
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4187, 0.3161, 0.2956

Background



This preview shows how black text looks on a background with the Yxy color 40.4187, 0.3161, 0.2956.



This preview shows how white text looks on a background with the Yxy color 40.4187, 0.3161, 0.2956.

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

40.4187, 0.3161, 0.2956

Protanopia

40.4417, 0.2915, 0.2966

Deuteranopia

40.4440, 0.3068, 0.3012



Tritanopia

40.4166, 0.3238, 0.3120

Trichromacy



Original Color

40.4187, 0.3161, 0.2956

Protanomaly

40.1480, 0.2999, 0.2957

Deuteranomaly

40.5654, 0.3104, 0.3001

Tritanomaly

40.3494, 0.3213, 0.3056

Monochromacy



Original Color

40.4187, 0.3161, 0.2956

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1740, 0.3142, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4187, 0.3161, 0.2956 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, 162, 188)` looks like.

```
.text, #text, p{  
    color:rgb(190, 162, 188)  
}
```

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, 162, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 162, 188) }
```

Border

The CSS property to change the border of an element to Yxy 40.4187, 0.3161, 0.2956 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, 162, 188) }
```

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

```
.border{ border-color:rgb(190, 162, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 162, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 162, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 162, 188);  
box-shadow:4px 4px 4px 4px rgb(190, 162,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4187, 0.3161, 0.2956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 162, 188) }
```

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

```
.background{ background-color: rgb(190,  
162, 188) }
```

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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