

Converting Colors

$Yxy(42.0068, 0.3126, 0.2985)$

Have a look what the booklet for
Yxy(42.0068, 0.3126, 0.2985)
contains.

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Color

Yxy(42.1740, 0.3132, 0.2995)

Conversions

Conversions Part 1

Format	Color
Hex	BDA7BE
RGB	189, 167, 190
RGB Percent	74%, 65%, 75%
CMY	0.2588, 0.3451, 0.2549
CMYK	0.01, 0.12, 0.00, 0.25
HSL	297°, 15%, 70%
HSV	297°, 12%, 75%
XYZ	44.1032, 42.1740, 54.5375
YIQ	176.2000, 5.7290, 11.8170

Conversions

Conversions Part 2

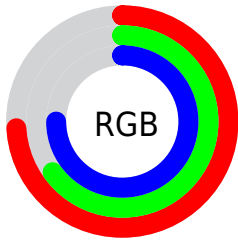
Format	Color
R_{YB}	189, 167, 190
Decimal	12429246
CIE _{Lab}	70.99, 12.13, -8.85
CIE _{LCh}	71, 15.016, 323.891
Yxy	42.1740, 0.3132, 0.2995
Android (android.graphics.Color)	4290619326 (0xFFBDA7BE)
YUV	176.2000, 6.8034, 11.2256
Hunter-Lab	64.9415, 7.5755, -4.3324

Details

The Yxy color $42.1740, 0.3132, 0.2995$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.9462, 0.3121, 0.3602$, and the grayscale version is $43.4895, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.3089, 0.3131, 0.3050$, and $19.3019, 0.3133, 0.2907$ is the 20% darker color. If you saturate the color by 10%, you get $35.6131, 0.3135, 0.2745$, and if you desaturate by 10%, it is $49.7620, 0.3128, 0.3240$.

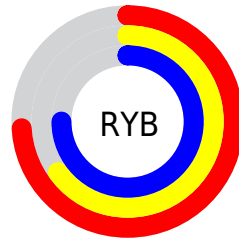
Distribution



Red (74%)

Green (65%)

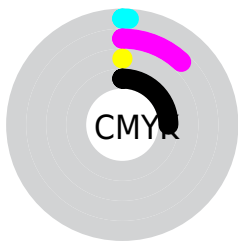
Blue (75%)



Red (74%)

Yellow (65%)

Blue (75%)

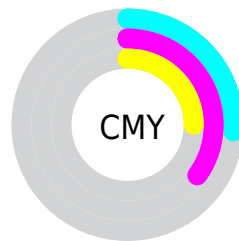


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (26%)


Magenta (35%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.1740, 0.3132, 0.2995 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 42.1740, 0.3132, 0.2995 by changing the saturation by 10% instead.

 42.1740, 0.3132,
0.2995

 42.1740, 0.3132,
0.2995

355.2037, 0.3131,
0.3142

 29.2376, 0.3132,
0.2959


 78.4629, 0.3132,
0.3048

 19.2606, 0.3131,
0.2912


 102.5841, 0.3132,
0.3068

 11.8587, 0.3130,
0.2850


131.2025, 0.3132,
0.3085

 6.6476, 0.3128,
0.2764

164.7022, 0.3132,
0.3100

 3.2427, 0.3123,
0.2637

203.4678, 0.3131,
0.3112

 1.2597, 0.3110,
0.2430

247.8837, 0.3131,


 0.1097, 0.3208,


0.3123


0.0879


298.3342, 0.3131,
0.3133


 0.0000, 0.0000,
0.0000


 42.1740, 0.3132,
0.2995

 42.1740, 0.3132,
0.2995


 35.6131, 0.3135,
0.2745

 49.7620, 0.3128,
0.3240


 30.0295, 0.3137,
0.2496


 58.4133, 0.3123,
0.3473

 25.3772, 0.3137,
0.2258

 68.1693, 0.3118,
0.3693

 21.6045, 0.3135,
0.2039

 79.0671, 0.3113,
0.3897

 18.6548, 0.3131,
0.1849

 86.5922, 0.3112,
0.4017

■ 16.4647, 0.3126,
0.1695

■ 86.7006, 0.3117,
0.4016

■ 14.9615, 0.3118,
0.1584

■ 86.8096, 0.3122,
0.4015

■ 14.0588, 0.3109,
0.1514

■ 86.9191, 0.3127,
0.4014

■ 13.6385, 0.3101,
0.1482

■ 87.0293, 0.3132,
0.4012

Harmonies

Analogous

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



42.1740, 0.2922, 0.2930



42.1740, 0.3132, 0.2995



42.1740, 0.3347, 0.3132

Triad

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



42.1740, 0.3132, 0.2995



42.1740, 0.3491, 0.3626



42.1740, 0.2762, 0.3250

Complementary

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



42.1740, 0.3132, 0.2995



47.9462, 0.3121, 0.3602

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.



42.1740, 0.2906, 0.3453



42.1740, 0.3132, 0.2995



42.1740, 0.3325, 0.3675

Square

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



42.1740, 0.3132, 0.2995



42.1740, 0.3558, 0.3491



42.1740, 0.3111, 0.3612



42.1740, 0.2714, 0.3068

Rectangle

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



42.1740, 0.3132, 0.2995



42.1740, 0.3462, 0.3249



42.1740, 0.3111, 0.3612



42.1740, 0.2801, 0.3319

Sweetspot

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



42.1758, 0.3132, 0.2995



87.3298, 0.3129, 0.3193



39.9936, 0.2938, 0.2993



18.9383, 0.3129, 0.3174



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.



42.1758, 0.3132, 0.2995



72.4994, 0.3133, 0.2917



41.8666, 0.3230, 0.3126



9.6747, 0.3131, 0.3063



9.0766, 0.3103, 0.1483



0.3621, 0.3130, 0.1498

Inverse Universe

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



41.4122, 0.3334, 0.3278



70.7993, 0.3397, 0.3274



48.2359, 0.3036, 0.3460



9.5429, 0.3282, 0.3280



7.2942, 0.6346, 0.3269



0.2880, 0.6141, 0.3157

Previews

White Background



This preview shows how the Yxy color 42.1740, 0.3132, 0.2995 looks on a white background.

Color Contrast Check

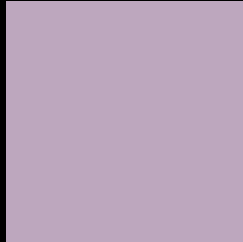
Large Text (above 18pt) WCAG AA × Fail

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 42.1740, 0.3132, 0.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

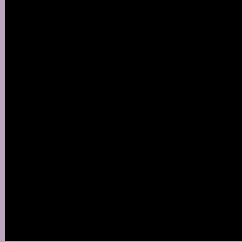
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.1740, 0.3132, 0.2995

Background



This preview shows how black text looks on a background with the Yxy color 42.1740, 0.3132, 0.2995.



This preview shows how white text looks on a background with the Yxy color 42.1740, 0.3132, 0.2995.

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

42.1740, 0.3132, 0.2995

Protanopia

42.4401, 0.2942, 0.3011

Deuteranopia

42.1609, 0.3078, 0.3017



Tritanopia

42.0740, 0.3190, 0.3108

Trichromacy



Original Color

42.1740, 0.3132, 0.2995

Protanomaly

42.4411, 0.3009, 0.3002

Deuteranomaly

42.0373, 0.3096, 0.3005

Tritanomaly

42.1994, 0.3165, 0.3070

Monochromacy



Original Color

42.1740, 0.3132, 0.2995

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0471, 0.3132, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.1740, 0.3132, 0.2995 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(189, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(189, 167, 190)  
}
```

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(189, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 167, 190) }
```

Border

The CSS property to change the border of an element to Yxy 42.1740, 0.3132, 0.2995 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(189, 167, 190) }
```

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

```
.border{ border-color:rgb(189, 167, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 167, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 167, 190);  
box-shadow:4px 4px 4px 4px rgb(189, 167,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 42.1740, 0.3132, 0.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 167, 190) }
```

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

```
.background{ background-color: rgb(189,  
167, 190) }
```

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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