

Converting Colors

$Yxy(41.9099, 0.3107, 0.3003)$

Have a look what the booklet for
Yxy(41.9099, 0.3107, 0.3003)
contains.

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Color

Yxy(41.7942, 0.3105, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	BAA7BE
RGB	186, 167, 190
RGB Percent	73%, 65%, 75%
CMY	0.2706, 0.3451, 0.2550
CMYK	0.02, 0.12, 0.00, 0.25
HSL	290°, 15%, 70%
HSV	290°, 12%, 75%
XYZ	43.3582, 41.7942, 54.4875
YIQ	175.3030, 3.9410, 11.1810

Conversions

Conversions Part 2

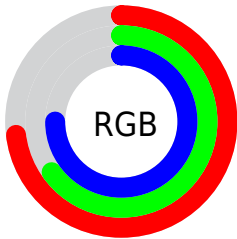
Format	Color
R _Y B	186, 167, 190
Decimal	12232638
CIE Lab	70.73, 11.07, -9.25
CIE LCh	71, 14.426, 320.107
Yxy	41.7942, 0.3105, 0.2993
Android (android.graphics.Color)	4290422718 (0xFFBAA7BE)
YUV	175.3030, 7.2456, 9.3813
Hunter-Lab	64.6484, 6.5809, -4.7173

Details

The Yxy color $41.7942, 0.3105, 0.2993$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $48.2698, 0.3145, 0.3599$, and the grayscale version is $42.9947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7736, 0.3111, 0.3048$, and $19.0542, 0.3095, 0.2903$ is the 20% darker color. If you saturate the color by 10%, you get $34.9287, 0.3082, 0.2737$, and if you desaturate by 10%, it is $49.6955, 0.3124, 0.3240$.

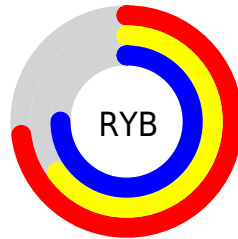
Distribution



Red (73%)

Green (65%)

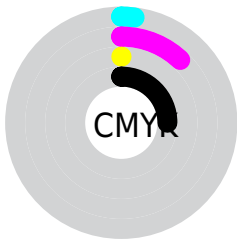
Blue (75%)



Red (73%)

Yellow (65%)

Blue (75%)

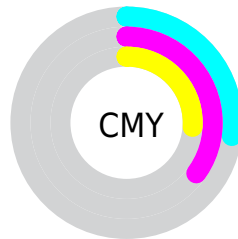


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (27%)


Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7942, 0.3105, 0.2993 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 41.7942, 0.3105, 0.2993 by changing the saturation by 10% instead.


 41.7942, 0.3105,
0.2993

 41.7942, 0.3105,
0.2993

353.6291, 0.3118,
0.3141

 28.9402, 0.3101,
0.2956


 77.8881, 0.3110,
0.3047

 19.0356, 0.3096,
0.2909


 101.8967, 0.3112,
0.3067

 11.6960, 0.3089,
0.2846


130.3923, 0.3113,
0.3084

 6.5370, 0.3079,
0.2759

163.7593, 0.3114,
0.3099

 3.1743, 0.3061,
0.2629

202.3821, 0.3115,
0.3111

 1.2234, 0.3026,
0.2417


246.6451, 0.3116,


 0.0807, 0.2985,


0.3123


0.0694


296.9326, 0.3117,
0.3132


 0.0000, 0.0000,
0.0000


 41.7942, 0.3105,
0.2993


 41.7942, 0.3105,
0.2993


 34.9287, 0.3082,
0.2737


 49.6955, 0.3124,
0.3240


 29.0492, 0.3054,
0.2477


 58.6689, 0.3139,
0.3473

 24.1097, 0.3021,
0.2221

 68.7557, 0.3150,
0.3690

 20.0584, 0.2984,
0.1981

 79.9933, 0.3158,
0.3889

 16.8386, 0.2943,
0.1765

 87.8668, 0.3170,
0.4005

■ 14.3870, 0.2899,
0.1584

■ 88.3348, 0.3191,
0.4000

■ 12.6309, 0.2853,
0.1445

■ 88.8127, 0.3211,
0.3995

■ 11.4837, 0.2807,
0.1351

■ 89.3007, 0.3233,
0.3991

■ 10.8756, 0.2771,
0.1300

■ 89.7987, 0.3254,
0.3986

Harmonies

Analogous

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



41.7942, 0.2907, 0.2940



41.7942, 0.3105, 0.2993



41.7942, 0.3315, 0.3118

Triad

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



41.7942, 0.3105, 0.2993



41.7942, 0.3492, 0.3602



41.7942, 0.2788, 0.3277

Complementary

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



41.7942, 0.3105, 0.2993



48.2698, 0.3145, 0.3599

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.



41.7942, 0.2936, 0.3470



41.7942, 0.3105, 0.2993



41.7942, 0.3342, 0.3660

Square

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



41.7942, 0.3105, 0.2993



41.7942, 0.3542, 0.3463



41.7942, 0.3138, 0.3613



41.7942, 0.2729, 0.3095

Rectangle

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



41.7942, 0.3105, 0.2993



41.7942, 0.3432, 0.3228



41.7942, 0.3138, 0.3613



41.7942, 0.2829, 0.3343

Sweetspot

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



41.7960, 0.3105, 0.2993



87.0953, 0.3120, 0.3192



41.1442, 0.2939, 0.3036



18.8772, 0.3119, 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.



41.7960, 0.3105, 0.2993



71.6339, 0.3098, 0.2913



41.9938, 0.3203, 0.3087



9.6100, 0.3111, 0.3062



7.2633, 0.2777, 0.1304



0.3070, 0.2887, 0.1364

Inverse Universe

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



41.5277, 0.3306, 0.3238



71.0479, 0.3361, 0.3224



48.1041, 0.3058, 0.3501



9.5628, 0.3262, 0.3250



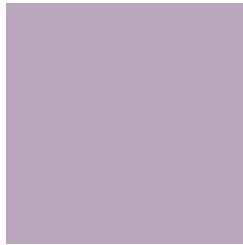
7.3608, 0.6116, 0.3143



0.2968, 0.5500, 0.2804

Previews

White Background



This preview shows how the Yxy color 41.7942, 0.3105, 0.2993 looks on a white background.

Color Contrast Check

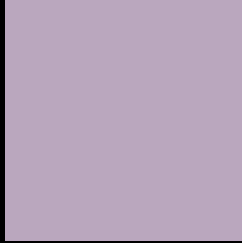
Large Text (above 18pt) WCAG AA × Fail

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 41.7942, 0.3105, 0.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

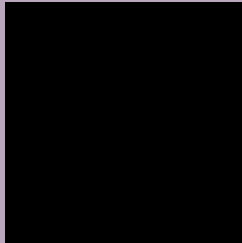
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7942, 0.3105, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 41.7942, 0.3105, 0.2993.



This preview shows how white text looks on a background with the Yxy color 41.7942, 0.3105, 0.2993.

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

41.7942, 0.3105, 0.2993

Protanopia

41.9014, 0.2941, 0.3009

Deuteranopia

41.6681, 0.3069, 0.3003



Tritanopia

41.6970, 0.3163, 0.3107

Trichromacy



Original Color

41.7942, 0.3105, 0.2993

Protanomaly

41.7853, 0.3000, 0.2999

Deuteranomaly

41.7902, 0.3078, 0.3003

Tritanomaly

41.8223, 0.3138, 0.3068

Monochromacy



Original Color

41.7942, 0.3105, 0.2993

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3840, 0.3123, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7942, 0.3105, 0.2993 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(186, 167, 190)` looks like.

```
.text, #text, p{  
    color:rgb(186, 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(186, 167, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 167, 190) }
```

Border

The CSS property to change the border of an element to Yxy 41.7942, 0.3105, 0.2993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

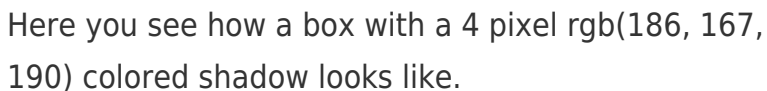
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 167, 190) }
```

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

```
.border{ border-color:rgb(186, 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(186, 167, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 167, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 167, 190); box-shadow:4px 4px 4px 4px rgb(186, 167, 190) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7942, 0.3105, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 167, 190) }
```

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

```
.background{ background-color: rgb(186,  
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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