

Converting Colors

$Yxy(41.0397, 0.3144, 0.3094)$

Have a look what the booklet for
Yxy(41.0397, 0.3144, 0.3094)
contains.

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Color

Yxy(41.0821, 0.3146, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	B7A7B6
RGB	183, 167, 182
RGB Percent	72%, 65%, 71%
CMY	0.2822, 0.3451, 0.2863
CMYK	0.00, 0.09, 0.01, 0.28
HSL	304°, 10%, 69%
HSV	304°, 9%, 72%
XYZ	41.7996, 41.0821, 49.9841
YIQ	173.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

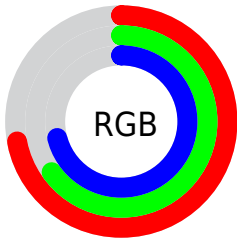
Format	Color
RYB	183, 167, 182
Decimal	12036022
CIELab	70.23, 8.54, -5.61
CIELCh	70, 10.212, 326.706
Yxy	41.0821, 0.3146, 0.3092
Android (android.graphics.Color)	4290226102 (0xFFB7A7B6)
YUV	173.4940, 4.1935, 8.3368
Hunter-Lab	64.0953, 4.2414, -1.3700

Details

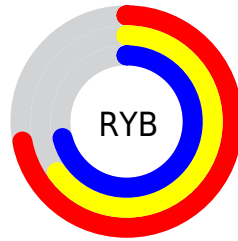
The Yxy color **41.0821, 0.3146, 0.3092** is a light color, and the websafe version is hex **999999**. A complement of this color would be **44.9303, 0.3109, 0.3496**, and the grayscale version is **42.0346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7663, 0.3142, 0.3126**, and **18.5923, 0.3152, 0.3036** is the 20% darker color. If you saturate the color by 10%, you get **34.7965, 0.3170, 0.2860**, and if you desaturate by 10%, it is **48.3210, 0.3125, 0.3317**.

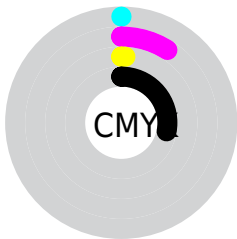
Distribution



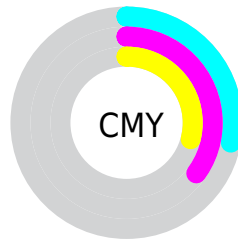
- Red (72%)
- Green (65%)
- Blue (71%)



- Red (72%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (9%)
- Yellow (1%)
- Black (28%)





- Cyan (28%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0821, 0.3146, 0.3092 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 41.0821, 0.3146, 0.3092 by changing the saturation by 10% instead.


 41.0821, 0.3146,
0.3092

 41.0821, 0.3146,
0.3092


350.6636, 0.3137,
0.3192

 28.3832, 0.3148,
0.3067


 76.8085, 0.3143,
0.3128

 18.6148, 0.3151,
0.3034


 100.6048, 0.3142,
0.3142

 11.3922, 0.3154,
0.2991


128.8691, 0.3141,
0.3154

 6.3313, 0.3158,
0.2930

161.9858, 0.3140,
0.3163

 3.0476, 0.3164,
0.2838

200.3391, 0.3139,
0.3172

 1.1566, 0.3171,
0.2682

244.3136, 0.3138,

 0.0258, 0.3431,

0.3179

0.0381

294.2937, 0.3138,
0.3186

■ 0.0000, 0.0000,
0.0000

■ 41.0821, 0.3146,
0.3092

■ 41.0821, 0.3146,
0.3092

■ 34.7965, 0.3170,
0.2860

■ 48.3210, 0.3125,
0.3317

■ 29.4191, 0.3195,
0.2628

■ 56.5452, 0.3106,
0.3531

■ 24.9093, 0.3222,
0.2402

■ 65.7917, 0.3089,
0.3732

■ 21.2212, 0.3250,
0.2191

■ 76.0941, 0.3074,
0.3918

■ 18.3048, 0.3279,
0.2005

■ 85.2228, 0.3062,
0.4054

■ 16.1045, 0.3306,
0.1853

■ 85.2745, 0.3056,
0.4040

■ 14.5574, 0.3332,
0.1741

■ 85.3265, 0.3050,
0.4026

■ 13.5897, 0.3356,
0.1671

■ 85.3790, 0.3043,
0.4012

■ 13.0728, 0.3377,
0.1639

■ 85.4319, 0.3037,
0.3998

Harmonies

Analogous

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



41.0821, 0.2999, 0.3041



41.0821, 0.3146, 0.3092



41.0821, 0.3291, 0.3192

Triad

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



41.0821, 0.3146, 0.3092



41.0821, 0.3369, 0.3528



41.0821, 0.2869, 0.3252

Complementary

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



41.0821, 0.3146, 0.3092



44.9303, 0.3109, 0.3496

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.



41.0821, 0.2964, 0.3389



41.0821, 0.3146, 0.3092



41.0821, 0.3252, 0.3551

Square

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



41.0821, 0.3146, 0.3092



41.0821, 0.3421, 0.3441



41.0821, 0.3103, 0.3500



41.0821, 0.2842, 0.3129

Rectangle

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



41.0821, 0.3146, 0.3092



41.0821, 0.3365, 0.3275



41.0821, 0.3103, 0.3500



41.0821, 0.2894, 0.3298

Sweetspot

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



41.0839, 0.3146, 0.3092



80.7399, 0.3134, 0.3222



39.3557, 0.3000, 0.3069



17.6015, 0.3135, 0.3204



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



41.0839, 0.3146, 0.3092



70.6747, 0.3151, 0.3037



40.7707, 0.3213, 0.3194



9.1524, 0.3147, 0.3079



9.0803, 0.3377, 0.1634



0.3232, 0.3330, 0.1608

Inverse Universe

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



41.0839, 0.3146, 0.3092



70.6747, 0.3151, 0.3037



45.2294, 0.3049, 0.3388



9.1524, 0.3147, 0.3079



9.0803, 0.3377, 0.1634



0.3232, 0.3330, 0.1608

Previews

White Background



This preview shows how the Yxy color 41.0821, 0.3146, 0.3092 looks on a white background.

Color Contrast Check

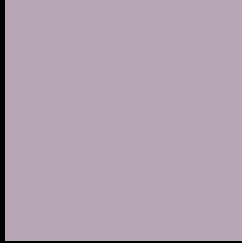
Large Text (above 18pt) WCAG AA × Fail

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 41.0821, 0.3146, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

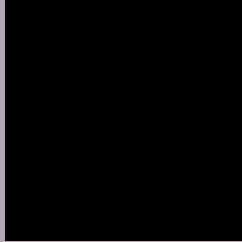
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0821, 0.3146, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 41.0821, 0.3146, 0.3092.



This preview shows how white text looks on a background with the Yxy color 41.0821, 0.3146, 0.3092.

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

41.0821, 0.3146, 0.3092

Protanopia

41.2444, 0.3021, 0.3114

Deuteranopia

41.2052, 0.3155, 0.3093



Tritanopia

41.0000, 0.3163, 0.3118

Trichromacy



Original Color

41.0821, 0.3146, 0.3092

Protanomaly

41.2823, 0.3064, 0.3115

Deuteranomaly

41.2052, 0.3155, 0.3093

Tritanomaly

41.0409, 0.3154, 0.3105

Monochromacy



Original Color

41.0821, 0.3146, 0.3092

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6473, 0.3131, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0821, 0.3146, 0.3092 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(183, 167, 182)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 182)  
}
```

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(183, 167, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 182) }
```

Border

The CSS property to change the border of an element to Yxy 41.0821, 0.3146, 0.3092 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(183, 167, 182) }
```

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

```
.border{ border-color:rgb(183, 167, 182) }
```

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

Here you see how a box with a 4 pixel rgb(183, 167, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 167, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 167, 182);  
box-shadow:4px 4px 4px 4px rgb(183, 167,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0821, 0.3146, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 182) }
```

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

```
.background{ background-color: rgb(183,  
167, 182) }
```

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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