

Converting Colors

$Yxy(40.8351, 0.3030, 0.2931)$

Have a look what the booklet for
Yxy(40.8351, 0.3030, 0.2931)
contains.

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Color

Yxy(40.9464, 0.3036, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	B5A6C1
RGB	181, 166, 193
RGB Percent	71%, 65%, 76%
CMY	0.2903, 0.3490, 0.2432
CMYK	0.06, 0.14, 0.00, 0.24
HSL	273°, 18%, 70%
HSV	273°, 14%, 76%
XYZ	42.3122, 40.9464, 56.1097
YIQ	173.5630, 0.2730, 11.5770

Conversions

Conversions Part 2

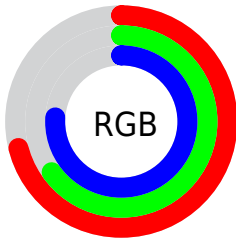
Format	Color
R _Y B	181, 166, 193
Decimal	11904705
CIE Lab	70.14, 10.49, -11.83
CIE LCh	70, 15.814, 311.572
Yxy	40.9464, 0.3036, 0.2938
Android (android.graphics.Color)	4290094785 (0xFFB5A6C1)
YUV	173.5630, 9.5824, 6.5222
Hunter-Lab	63.9894, 6.0496, -7.1964

Details

The Yxy color $40.9464, 0.3036, 0.2938$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $50.3477, 0.3208, 0.3645$, and the grayscale version is $42.0410, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.5570, 0.3057, 0.3005$, and $18.4879, 0.3011, 0.2843$ is the 20% darker color. If you saturate the color by 10%, you get $33.4443, 0.2957, 0.2665$, and if you desaturate by 10%, it is $49.5686, 0.3103, 0.3194$.

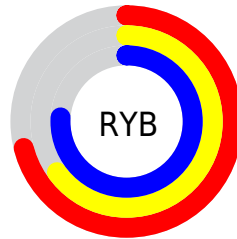
Distribution



Red (71%)

Green (65%)

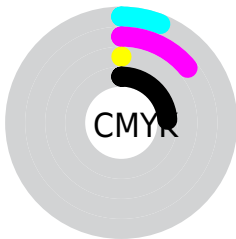
Blue (76%)



Red (71%)

Yellow (65%)

Blue (76%)

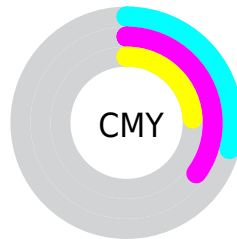


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (24%)



Cyan (29%)

Magenta (35%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9464, 0.3036, 0.2938 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 40.9464, 0.3036, 0.2938 by changing the saturation by 10% instead.

■ 40.9464, 0.3036,
0.2938

■ 40.9464, 0.3036,
0.2938

■ 350.0965, 0.3084,
0.3114

■ 28.2772, 0.3023,
0.2894

■ 76.6025, 0.3054,
0.3002

■ 18.5347, 0.3007,
0.2838

■ 100.3582, 0.3061,
0.3026

■ 11.3346, 0.2983,
0.2764

■ 128.5782, 0.3066,
0.3046

■ 6.2923, 0.2950,
0.2660

■ 161.6469, 0.3071,
0.3063

■ 3.0236, 0.2897,
0.2506

■ 199.9487, 0.3075,
0.3079

■ 1.1441, 0.2801,
0.2256

■ 243.8680, 0.3078,

■ 0.0153, 0.2396,

0.3092

0.0136

293.7891, 0.3081,
0.3103

0.0000, 0.0000,
0.0000

40.9464, 0.3036,
0.2938

40.9464, 0.3036,
0.2938

33.4443, 0.2957,
0.2665

49.5686, 0.3103,
0.3194

27.0093, 0.2867,
0.2380

59.3506, 0.3160,
0.3430

21.5915, 0.2766,
0.2091

70.3366, 0.3208,
0.3644

17.1354, 0.2656,
0.1809

82.5668, 0.3247,
0.3838

13.5794, 0.2539,
0.1548

91.2001, 0.3289,
0.3943

10.8551, 0.2420,
0.1320

92.6055, 0.3346,
0.3931

8.8833, 0.2303,
0.1138

94.0811, 0.3403,
0.3919

7.5689, 0.2194,
0.1008

95.6280, 0.3460,
0.3907

6.9838, 0.2132,
0.0948

96.6291, 0.3496,
0.3900

Harmonies

Analogous

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



40.9464, 0.2833, 0.2906



40.9464, 0.3036, 0.2938



40.9464, 0.3270, 0.3055

Triad

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



40.9464, 0.3036, 0.2938



40.9464, 0.3558, 0.3597



40.9464, 0.2791, 0.3337

Complementary

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



40.9464, 0.3036, 0.2938



50.3477, 0.3208, 0.3645

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.



40.9464, 0.2976, 0.3543



40.9464, 0.3036, 0.2938



40.9464, 0.3420, 0.3692

Square

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



40.9464, 0.3036, 0.2938



40.9464, 0.3578, 0.3427



40.9464, 0.3205, 0.3675



40.9464, 0.2696, 0.3126

Rectangle

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



40.9464, 0.3036, 0.2938



40.9464, 0.3412, 0.3168



40.9464, 0.3205, 0.3675



40.9464, 0.2844, 0.3410

Sweetspot

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



40.9481, 0.3036, 0.2938



88.6538, 0.3103, 0.3192



43.8564, 0.2911, 0.3091



18.7524, 0.3098, 0.3173



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.



40.9481, 0.3036, 0.2938



68.7135, 0.3011, 0.2850



42.4006, 0.3155, 0.2966



10.0175, 0.3068, 0.3058



4.6945, 0.2145, 0.0955



0.2432, 0.2377, 0.1083

Inverse Universe

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



41.8260, 0.3273, 0.3136



70.6417, 0.3314, 0.3098



49.0404, 0.3100, 0.3637



10.1507, 0.3221, 0.3188



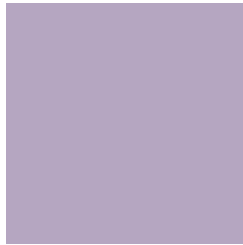
8.0015, 0.5168, 0.2621



0.3596, 0.4622, 0.2320

Previews

White Background



This preview shows how the Yxy color 40.9464, 0.3036, 0.2938 looks on a white background.

Color Contrast Check

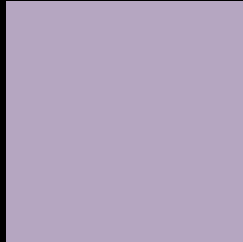
Large Text (above 18pt) WCAG AA × Fail

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 40.9464, 0.3036, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

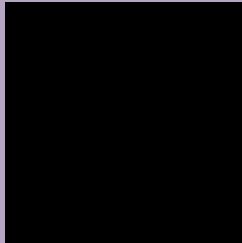
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9464, 0.3036, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 40.9464, 0.3036, 0.2938.



This preview shows how white text looks on a background with the Yxy color 40.9464, 0.3036, 0.2938.

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

40.9464, 0.3036, 0.2938

Protanopia

40.9505, 0.2893, 0.2941

Deuteranopia

40.9527, 0.3009, 0.2948



Tritanopia

40.9252, 0.3117, 0.3117

Trichromacy



Original Color

40.9464, 0.3036, 0.2938

Protanomaly

41.0867, 0.2942, 0.2945

Deuteranomaly

41.0714, 0.3018, 0.2949

Tritanomaly

40.8435, 0.3093, 0.3052

Monochromacy



Original Color

40.9464, 0.3036, 0.2938

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8091, 0.3098, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9464, 0.3036, 0.2938 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(181, 166, 193)` looks like.

```
.text, #text, p{  
    color:rgb(181, 166, 193)  
}
```

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(181, 166, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 166, 193) }
```

Border

The CSS property to change the border of an element to Yxy 40.9464, 0.3036, 0.2938 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(181, 166, 193) }
```

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

```
.border{ border-color:rgb(181, 166, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 166, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 166, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 166, 193);  
box-shadow:4px 4px 4px 4px rgb(181, 166,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9464, 0.3036, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 166, 193) }
```

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

```
.background{ background-color: rgb(181,  
166, 193) }
```

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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