

Converting Colors

$Y_{xy}(40.7494, 0.3121, 0.2991)$

Have a look what the booklet for
Yxy(40.7494, 0.3121, 0.2991)
contains.

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Color

Yxy(40.8554, 0.3114, 0.2991)

Conversions

Conversions Part 1

Format	Color
Hex	B9A5BC
RGB	185, 165, 188
RGB Percent	73%, 65%, 74%
CMY	0.2745, 0.3529, 0.2629
CMYK	0.02, 0.12, 0.00, 0.26
HSL	292°, 15%, 69%
HSV	292°, 12%, 74%
XYZ	42.5355, 40.8554, 53.2035
YIQ	173.6020, 4.5370, 11.3930

Conversions

Conversions Part 2

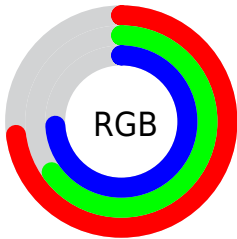
Format	Color
R _Y B	185, 165, 188
Decimal	12166588
CIE Lab	70.07, 11.44, -9.12
CIE LCh	70, 14.632, 321.425
Yxy	40.8554, 0.3114, 0.2991
Android (android.graphics.Color)	4290356668 (0xFFB9A5BC)
YUV	173.6020, 7.0982, 9.9960
Hunter-Lab	63.9182, 6.9291, -4.6084

Details

The Yxy color **40.8554, 0.3114, 0.2991** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.9944, 0.3137, 0.3603**, and the grayscale version is **42.0738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4188, 0.3118, 0.3047**, and **18.4651, 0.3107, 0.2899** is the 20% darker color. If you saturate the color by 10%, you get **34.2661, 0.3100, 0.2737**, and if you desaturate by 10%, it is **48.4501, 0.3125, 0.3237**.

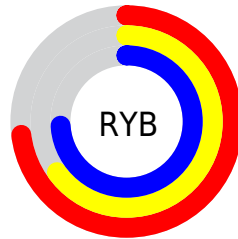
Distribution



Red (73%)

Green (65%)

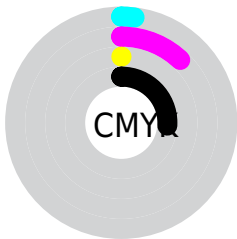
Blue (74%)



Red (73%)

Yellow (65%)

Blue (74%)

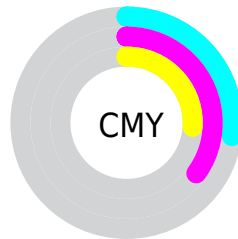


Cyan (2%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (27%)


Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.8554, 0.3114, 0.2991 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 40.8554, 0.3114, 0.2991 by changing the saturation by 10% instead.


 40.8554, 0.3114,
0.2991


 40.8554, 0.3114,
0.2991


349.7159, 0.3122,
0.3141

 28.2061, 0.3112,
0.2954


 76.4643, 0.3117,
0.3045

 18.4811, 0.3108,
0.2906


 100.1928, 0.3118,
0.3066

 11.2959, 0.3103,
0.2842


128.3831, 0.3119,
0.3083

 6.2663, 0.3095,
0.2752

161.4196, 0.3120,
0.3098

 3.0076, 0.3080,
0.2619

199.6867, 0.3121,
0.3111

 1.1357, 0.3051,
0.2400

243.5689, 0.3121,

 0.0082, 0.3047,

0.3122


0.0088


293.4505, 0.3122,
0.3132


 0.0000, 0.0000,
0.0000


 40.8554, 0.3114,
0.2991


 40.8554, 0.3114,
0.2991


 34.2661, 0.3100,
0.2737


 48.4501, 0.3125,
0.3237


 28.6335, 0.3082,
0.2481


 57.0854, 0.3133,
0.3471


 23.9128, 0.3060,
0.2232

 66.8017, 0.3139,
0.3688

 20.0537, 0.3035,
0.1999

 77.6353, 0.3143,
0.3889

 17.0009, 0.3006,
0.1792

 87.0446, 0.3148,
0.4035

■ 14.6926, 0.2975,
0.1621

■ 87.3769, 0.3163,
0.4031

■ 13.0579, 0.2943,
0.1492

■ 87.7145, 0.3178,
0.4028

■ 12.0125, 0.2909,
0.1406

■ 88.0574, 0.3193,
0.4024

■ 11.4783, 0.2883,
0.1362

■ 88.4058, 0.3209,
0.4021

Harmonies

Analogous

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



40.8554, 0.2910, 0.2933



40.8554, 0.3114, 0.2991



40.8554, 0.3328, 0.3121

Triad

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



40.8554, 0.3114, 0.2991



40.8554, 0.3495, 0.3613



40.8554, 0.2776, 0.3268

Complementary

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



40.8554, 0.3114, 0.2991



46.9944, 0.3137, 0.3603

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.



40.8554, 0.2924, 0.3466



40.8554, 0.3114, 0.2991



40.8554, 0.3339, 0.3669

Square

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



40.8554, 0.3114, 0.2991



40.8554, 0.3552, 0.3474



40.8554, 0.3129, 0.3616



40.8554, 0.2720, 0.3084

Rectangle

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



40.8554, 0.3114, 0.2991



40.8554, 0.3445, 0.3235



40.8554, 0.3129, 0.3616



40.8554, 0.2816, 0.3335

Sweetspot

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



40.8572, 0.3114, 0.2991



85.1507, 0.3123, 0.3192



39.6621, 0.2937, 0.3017



18.0794, 0.3123, 0.3174



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.8572, 0.3114, 0.2991



70.2629, 0.3110, 0.2915



40.8789, 0.3214, 0.3100



9.6318, 0.3117, 0.3062



7.8406, 0.2888, 0.1364



0.3248, 0.2969, 0.1409

Inverse Universe

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



40.4286, 0.3318, 0.3251



69.3234, 0.3373, 0.3241



46.9880, 0.3049, 0.3488



9.5560, 0.3268, 0.3261



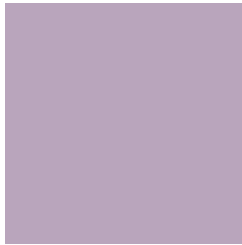
7.3316, 0.6214, 0.3197



0.2938, 0.5697, 0.2912

Previews

White Background



This preview shows how the Yxy color 40.8554, 0.3114, 0.2991 looks on a white background.

Color Contrast Check

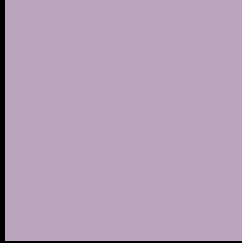
Large Text (above 18pt) WCAG AA × Fail

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 40.8554, 0.3114, 0.2991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

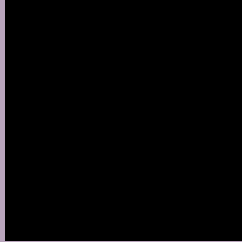
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.8554, 0.3114, 0.2991

Background



This preview shows how black text looks on a background with the Yxy color 40.8554, 0.3114, 0.2991.



This preview shows how white text looks on a background with the Yxy color 40.8554, 0.3114, 0.2991.

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

40.8554, 0.3114, 0.2991

Protanopia

40.9461, 0.2948, 0.3007

Deuteranopia

41.0920, 0.3077, 0.3014



Tritanopia

40.7175, 0.3181, 0.3118

Trichromacy



Original Color

40.8554, 0.3114, 0.2991

Protanomaly

40.8369, 0.3007, 0.2997

Deuteranomaly

40.8484, 0.3086, 0.3001

Tritanomaly

40.8402, 0.3155, 0.3079

Monochromacy



Original Color

40.8554, 0.3114, 0.2991

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8455, 0.3123, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8554, 0.3114, 0.2991 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(185, 165, 188)` looks like.

```
.text, #text, p{  
    color:rgb(185, 165, 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(185, 165, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 165, 188) }
```

Border

The CSS property to change the border of an element to Yxy 40.8554, 0.3114, 0.2991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

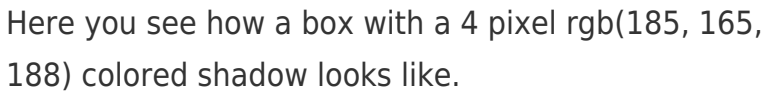
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 165, 188) }
```

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

```
.border{ border-color:rgb(185, 165, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 165, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 165, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 165, 188); box-shadow:4px 4px 4px 4px rgb(185, 165, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8554, 0.3114, 0.2991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 165, 188) }
```

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

```
.background{ background-color: rgb(185,  
165, 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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