

Converting Colors

$Y_{xy}(42.4891, 0.3213, 0.3113)$

Have a look what the booklet for
Yxy(42.4891, 0.3213, 0.3113)
contains.

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Color

Yxy(42.4590, 0.3218, 0.3110)

Conversions

Conversions Part 1

Format	Color
Hex	BFA8B6
RGB	191, 168, 182
RGB Percent	75%, 66%, 71%
CMY	0.2509, 0.3412, 0.2863
CMYK	0.00, 0.12, 0.05, 0.25
HSL	324°, 15%, 70%
HSV	324°, 12%, 75%
XYZ	43.9335, 42.4590, 50.1317
YIQ	176.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

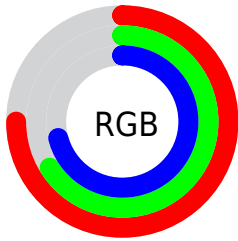
Format	Color
RYB	191, 168, 182
Decimal	12560566
CIELab	71.19, 10.79, -4.11
CIELCh	71, 11.550, 339.130
Yxy	42.4590, 0.3218, 0.3110
Android (android.graphics.Color)	4290750646 (0xFFBFA8B6)
YUV	176.4730, 2.7248, 12.7402
Hunter-Lab	65.1606, 6.3197, -0.0027

Details

The Yxy color **42.4590, 0.3218, 0.3110** is a light color, and the websafe version is hex **999999**. A complement of this color would be **48.7671, 0.3046, 0.3477**, and the grayscale version is **43.6591, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7226, 0.3197, 0.3139**, and **19.3941, 0.3240, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **35.6171, 0.3309, 0.2953**, and if you desaturate by 10%, it is **50.3572, 0.3141, 0.3260**.

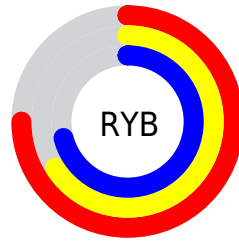
Distribution



Red (75%)

Green (66%)

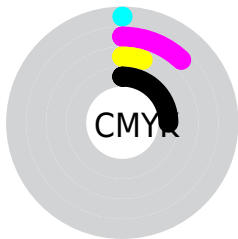
Blue (71%)



Red (75%)

Yellow (66%)

Blue (71%)

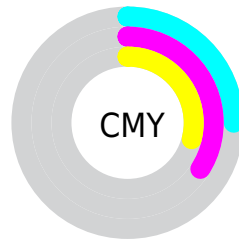


Cyan (0%)

Magenta (12%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4590, 0.3218, 0.3110 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 42.4590, 0.3218, 0.3110 by changing the saturation by 10% instead.

 42.4590, 0.3218,
0.3110


 42.4590, 0.3218,
0.3110


356.3822, 0.3173,
0.3200

 29.4609, 0.3229,
0.3087


 78.8938, 0.3201,
0.3143

 19.4297, 0.3244,
0.3058


 103.0993, 0.3195,
0.3155

 11.9812, 0.3264,
0.3020


131.8094, 0.3190,
0.3166

 6.7309, 0.3291,
0.2965

165.4084, 0.3185,
0.3174

 3.2944, 0.3333,
0.2884

204.2808, 0.3182,
0.3182

 1.2873, 0.3402,
0.2748

248.8110, 0.3178,

 0.1313, 0.4086,

0.3189

0.1382

299.3833, 0.3175,
0.3195

■ 0.0000, 0.0000,
0.0000

■ 42.4590, 0.3218,
0.3110

■ 42.4590, 0.3218,
0.3110

■ 35.6171, 0.3309,
0.2953

■ 50.3572, 0.3141,
0.3260

■ 29.7805, 0.3417,
0.2794

■ 59.3485, 0.3077,
0.3402

■ 24.9027, 0.3542,
0.2637

■ 69.4749, 0.3024,
0.3534

■ 20.9311, 0.3684,
0.2491

■ 80.7746, 0.2979,
0.3655

■ 17.8078, 0.3843,
0.2367

■ 87.7349, 0.2940,
0.3680

■ 15.4685, 0.4014,
0.2274

■ 88.1392, 0.2901,
0.3596

■ 13.8395, 0.4193,
0.2226

■ 88.5615, 0.2862,
0.3512

■ 12.8327, 0.4371,
0.2228

■ 89.0019, 0.2823,
0.3430

■ 12.3424, 0.4511,
0.2259

■ 89.4608, 0.2785,
0.3349

Harmonies

Analogous

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



42.4590, 0.3049, 0.3028



42.4590, 0.3218, 0.3110



42.4590, 0.3365, 0.3237

Triad

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



42.4590, 0.3218, 0.3110



42.4590, 0.3350, 0.3577



42.4590, 0.2816, 0.3186

Complementary

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



42.4590, 0.3218, 0.3110



48.7671, 0.3046, 0.3477

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.



42.4590, 0.2893, 0.3338



42.4590, 0.3218, 0.3110



42.4590, 0.3199, 0.3569

Square

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



42.4590, 0.3218, 0.3110



42.4590, 0.3442, 0.3505



42.4590, 0.3032, 0.3481



42.4590, 0.2821, 0.3067

Rectangle

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



42.4590, 0.3218, 0.3110



42.4590, 0.3430, 0.3333



42.4590, 0.3032, 0.3481



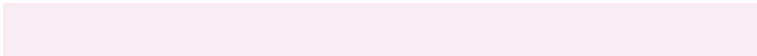
42.4590, 0.2833, 0.3235

Sweetspot

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



42.4609, 0.3218, 0.3110



87.1703, 0.3156, 0.3231



41.0941, 0.3015, 0.2986



18.8968, 0.3161, 0.3219



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.



42.4609, 0.3218, 0.3110



73.2138, 0.3237, 0.3076



42.0120, 0.3318, 0.3256



9.6312, 0.3196, 0.3151



8.1262, 0.4489, 0.2246



0.3308, 0.4105, 0.2035

Inverse Universe

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



42.4609, 0.3218, 0.3110



73.2138, 0.3237, 0.3076



49.2370, 0.2964, 0.3325



9.6312, 0.3196, 0.3151



8.1262, 0.4489, 0.2246



0.3308, 0.4105, 0.2035

Previews

White Background



This preview shows how the Yxy color 42.4590, 0.3218, 0.3110 looks on a white background.

Color Contrast Check

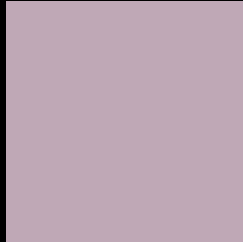
Large Text (above 18pt) WCAG AA × Fail

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 42.4590, 0.3218, 0.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

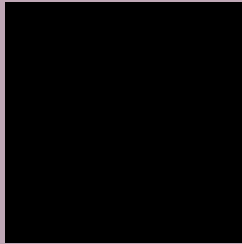
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4590, 0.3218, 0.3110

Background



This preview shows how black text looks on a background with the Yxy color 42.4590, 0.3218, 0.3110.



This preview shows how white text looks on a background with the Yxy color 42.4590, 0.3218, 0.3110.

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

42.4590, 0.3218, 0.3110

Protanopia

42.3886, 0.3038, 0.3129

Deuteranopia

42.4447, 0.3190, 0.3121



Tritanopia

42.4178, 0.3227, 0.3123

Trichromacy



Original Color

42.4590, 0.3218, 0.3110

Protanomaly

42.2898, 0.3100, 0.3118

Deuteranomaly

42.5721, 0.3199, 0.3122

Tritanomaly

42.4178, 0.3227, 0.3123

Monochromacy



Original Color

42.4590, 0.3218, 0.3110

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9252, 0.3157, 0.3224

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4590, 0.3218, 0.3110 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(191, 168, 182)` looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 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(191, 168, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 182) }
```

Border

The CSS property to change the border of an element to Yxy 42.4590, 0.3218, 0.3110 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(191, 168, 182) }
```

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

```
.border{ border-color:rgb(191, 168, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 168, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 168, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 168, 182);  
box-shadow:4px 4px 4px 4px rgb(191, 168,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4590, 0.3218, 0.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 182) }
```

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

```
.background{ background-color: rgb(191,  
168, 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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