

Converting Colors

$Y_{xy}(42.4752, 0.3150, 0.3179)$

Have a look what the booklet for
Yxy(42.4752, 0.3150, 0.3179)
contains.

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Color

Yxy(42.3662, 0.3151, 0.3171)

Conversions

Conversions Part 1

Format	Color
Hex	B6ABB4
RGB	182, 171, 180
RGB Percent	71%, 67%, 71%
CMY	0.2861, 0.3294, 0.2941
CMYK	0.00, 0.06, 0.01, 0.29
HSL	311°, 7%, 69%
HSV	311°, 6%, 71%
XYZ	42.0990, 42.3662, 49.1400
YIQ	175.3150, 3.6670, 5.1310

Conversions

Conversions Part 2

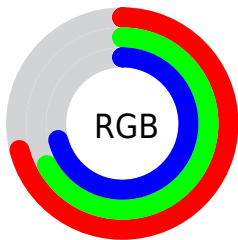
Format	Color
R_{YB}	182, 171, 180
Decimal	11971508
CIE Lab	71.12, 5.61, -3.20
CIE LCh	71, 6.456, 330.299
Yxy	42.3662, 0.3151, 0.3171
Android (android.graphics.Color)	4290161588 (0xFFB6ABB4)
YUV	175.3150, 2.3097, 5.8627
Hunter-Lab	65.0893, 1.5453, 0.8008

Details

The Yxy color $42.3662, 0.3151, 0.3171$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.1462, 0.3104, 0.3412$, and the grayscale version is $43.0309, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6260, 0.3146, 0.3188$, and $19.3931, 0.3159, 0.3145$ is the 20% darker color. If you saturate the color by 10%, you get $35.8235, 0.3195, 0.2969$, and if you desaturate by 10%, it is $49.8630, 0.3113, 0.3365$.

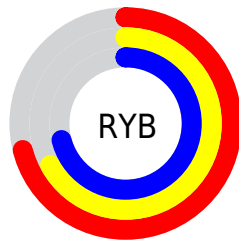
Distribution



Red (71%)

Green (67%)

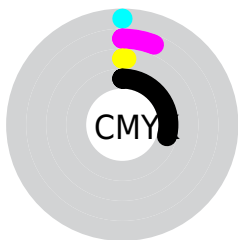
Blue (71%)



Red (71%)

Yellow (67%)

Blue (71%)

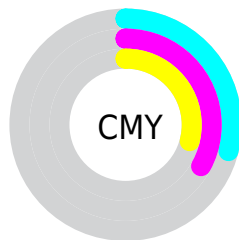


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (29%)



Cyan (29%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3662, 0.3151, 0.3171 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 42.3662, 0.3151, 0.3171 by changing the saturation by 10% instead.

■ 42.3662, 0.3151,
0.3171

■ 42.3662, 0.3151,
0.3171

355.9987, 0.3139,
0.3231

■ 29.3881, 0.3154,
0.3156

■ 78.7536, 0.3147,
0.3193

■ 19.3746, 0.3158,
0.3136

102.9316, 0.3145,
0.3201

■ 11.9413, 0.3163,
0.3110

131.6119, 0.3144,
0.3208

■ 6.7037, 0.3170,
0.3073

165.1786, 0.3143,
0.3214

■ 3.2775, 0.3180,
0.3017

204.0163, 0.3142,
0.3219

■ 1.2783, 0.3197,
0.2922

248.5092, 0.3141,

■ 0.1243, 0.3454,

0.3224

0.1683

299.0419, 0.3140,
0.3228

0.0000, 0.0000,
0.0000

42.3662, 0.3151,
0.3171

42.3662, 0.3151,
0.3171

35.8235, 0.3195,
0.2969

49.8630, 0.3113,
0.3365

30.1908, 0.3246,
0.2762

58.3445, 0.3080,
0.3548

25.4289, 0.3302,
0.2557

67.8472, 0.3052,
0.3719

21.4935, 0.3365,
0.2362

78.4036, 0.3029,
0.3876

18.3363, 0.3432,
0.2185

85.4898, 0.3010,
0.3951

■ 15.9044, 0.3502,
0.2037

■ 85.6449, 0.2992,
0.3912

■ 14.1377, 0.3573,
0.1926

■ 85.8034, 0.2974,
0.3872

■ 12.9668, 0.3643,
0.1858

■ 85.9654, 0.2956,
0.3833

■ 12.3019, 0.3711,
0.1835

■ 86.1309, 0.2938,
0.3794

Harmonies

Analogous

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



42.3662, 0.3058, 0.3135



42.3662, 0.3151, 0.3171



42.3662, 0.3239, 0.3238

Triad

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



42.3662, 0.3151, 0.3171



42.3662, 0.3271, 0.3443



42.3662, 0.2960, 0.3257

Complementary

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



42.3662, 0.3151, 0.3171



45.1462, 0.3104, 0.3412

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.



42.3662, 0.3016, 0.3342



42.3662, 0.3151, 0.3171



42.3662, 0.3195, 0.3451

Square

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



42.3662, 0.3151, 0.3171



42.3662, 0.3309, 0.3394



42.3662, 0.3102, 0.3414



42.3662, 0.2949, 0.3183

Rectangle

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



42.3662, 0.3151, 0.3171



42.3662, 0.3282, 0.3292



42.3662, 0.3102, 0.3414



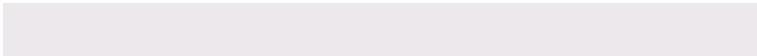
42.3662, 0.2974, 0.3286

Sweetspot

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



42.3680, 0.3151, 0.3171



82.0452, 0.3135, 0.3251



41.3882, 0.3054, 0.3141



18.1525, 0.3135, 0.3253



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.



42.3680, 0.3151, 0.3171



75.4516, 0.3155, 0.3150



42.1477, 0.3198, 0.3244



9.4225, 0.3157, 0.3143



8.5532, 0.3730, 0.1828



0.3090, 0.3573, 0.1742

Inverse Universe

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



42.3680, 0.3151, 0.3171



75.4516, 0.3155, 0.3150



45.3641, 0.3061, 0.3337



9.4225, 0.3157, 0.3143



8.5532, 0.3730, 0.1828



0.3090, 0.3573, 0.1742

Previews

White Background



This preview shows how the Yxy color 42.3662, 0.3151, 0.3171 looks on a white background.

Color Contrast Check

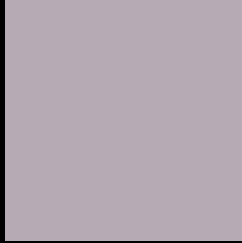
Large Text (above 18pt) WCAG AA × Fail

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 42.3662, 0.3151, 0.3171 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

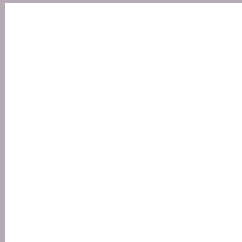
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3662, 0.3151, 0.3171

Background



This preview shows how black text looks on a background with the Yxy color 42.3662, 0.3151, 0.3171.



This preview shows how white text looks on a background with the Yxy color 42.3662, 0.3151, 0.3171.

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

42.3662, 0.3151, 0.3171

Protanopia

42.3373, 0.3079, 0.3183

Deuteranopia

42.3626, 0.3207, 0.3147



Tritanopia

42.2774, 0.3127, 0.3106

Trichromacy



Original Color

42.3662, 0.3151, 0.3171

Protanomaly

42.3062, 0.3106, 0.3170

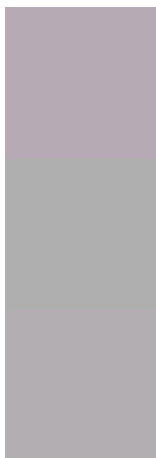
Deuteranomaly

42.4838, 0.3188, 0.3159

Tritanomaly

42.2356, 0.3135, 0.3119

Monochromacy



Original Color

42.3662, 0.3151, 0.3171

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9114, 0.3138, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3662, 0.3151, 0.3171 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(182, 171, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 171, 180)  
}
```

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(182, 171, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 171, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.3662, 0.3151, 0.3171 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(182, 171, 180) }
```

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

```
.border{ border-color:rgb(182, 171, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 171, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 171, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 171, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 171,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3662, 0.3151, 0.3171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 171, 180) }
```

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

```
.background{ background-color: rgb(182,  
171, 180) }
```

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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