

Converting Colors

$Y_{xy}(41.7794, 0.3153, 0.3132)$

Have a look what the booklet for
Yxy(41.7794, 0.3153, 0.3132)
contains.

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Color

Yxy(41.7794, 0.3153, 0.3132)

Conversions

Conversions Part 1

Format	Color
Hex	B7A9B5
RGB	183, 169, 181
RGB Percent	72%, 66%, 71%
CMY	0.2823, 0.3373, 0.2902
CMYK	0.00, 0.08, 0.01, 0.28
HSL	309°, 9%, 69%
HSV	309°, 8%, 72%
XYZ	42.0595, 41.7794, 49.5563
YIQ	174.5540, 4.4920, 6.7000

Conversions

Conversions Part 2

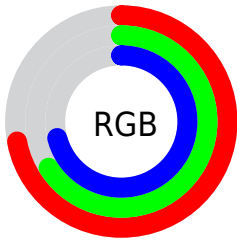
Format	Color
RYB	183, 169, 181
Decimal	12036533
CIELab	70.72, 7.23, -4.33
CIELCh	71, 8.427, 329.099
Yxy	41.7794, 0.3153, 0.3132
Android (android.graphics.Color)	4290226613 (0xFFB7A9B5)
YUV	174.5540, 3.1779, 7.4071
Hunter-Lab	64.6370, 3.0359, -0.2110

Details

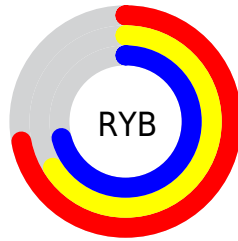
The Yxy color $41.7794, 0.3153, 0.3132$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.2526, 0.3102, 0.3453$, and the grayscale version is $42.6108, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.7765, 0.3147, 0.3157$, and $19.0269, 0.3162, 0.3091$ is the 20% darker color. If you saturate the color by 10%, you get $35.3334, 0.3191, 0.2919$, and if you desaturate by 10%, it is $49.1843, 0.3120, 0.3337$.

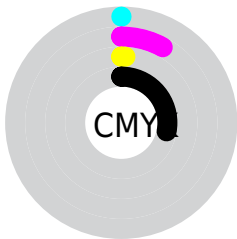
Distribution



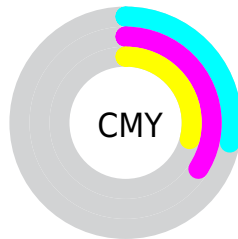
- Red (72%)
- Green (66%)
- Blue (71%)



- Red (72%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (28%)



- Cyan (28%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7794, 0.3153, 0.3132 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 41.7794, 0.3153, 0.3132 by changing the saturation by 10% instead.


 41.7794, 0.3153,
0.3132


 41.7794, 0.3153,
0.3132

353.5676, 0.3140,
0.3212

 28.9286, 0.3156,
0.3112


 77.8656, 0.3148,
0.3161

 19.0268, 0.3160,
0.3086


 101.8699, 0.3147,
0.3172

 11.6897, 0.3165,
0.3051


130.3607, 0.3145,
0.3181

 6.5327, 0.3172,
0.3003

163.7225, 0.3144,
0.3189

 3.1716, 0.3183,
0.2929

202.3397, 0.3143,
0.3196

 1.2220, 0.3199,
0.2804

246.5967, 0.3142,

 0.0795, 0.3498,

0.3202

0.1104

296.8779, 0.3141,
0.3207

0.0000, 0.0000,
0.0000

41.7794, 0.3153,
0.3132

41.7794, 0.3153,
0.3132

35.3334, 0.3191,
0.2919

49.1843, 0.3120,
0.3337

29.8015, 0.3234,
0.2704

57.5797, 0.3091,
0.3531

25.1434, 0.3281,
0.2492

67.0027, 0.3066,
0.3712

21.3137, 0.3332,
0.2292

77.4865, 0.3046,
0.3880

18.2627, 0.3386,
0.2113

85.4969, 0.3029,
0.3980

■ 15.9357, 0.3442,
0.1966

■ 85.6175, 0.3014,
0.3948

■ 14.2707, 0.3497,
0.1857

■ 85.7403, 0.3000,
0.3917

■ 13.1955, 0.3551,
0.1791

■ 85.8652, 0.2986,
0.3886

■ 12.6003, 0.3601,
0.1767

■ 85.9922, 0.2972,
0.3855

Harmonies

Analogous

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



41.7794, 0.3031, 0.3087



41.7794, 0.3153, 0.3132



41.7794, 0.3270, 0.3218

Triad

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



41.7794, 0.3153, 0.3132



41.7794, 0.3319, 0.3489



41.7794, 0.2911, 0.3251

Complementary

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



41.7794, 0.3153, 0.3132



45.2526, 0.3102, 0.3453

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.



41.7794, 0.2985, 0.3363



41.7794, 0.3153, 0.3132



41.7794, 0.3220, 0.3502

Square

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



41.7794, 0.3153, 0.3132



41.7794, 0.3367, 0.3422



41.7794, 0.3098, 0.3456



41.7794, 0.2893, 0.3152

Rectangle

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



41.7794, 0.3153, 0.3132



41.7794, 0.3328, 0.3287



41.7794, 0.3098, 0.3456



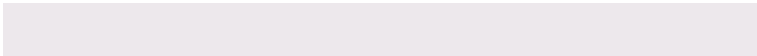
41.7794, 0.2930, 0.3288

Sweetspot

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



41.7812, 0.3153, 0.3132



82.0560, 0.3134, 0.3249



40.4385, 0.3028, 0.3099



18.1548, 0.3133, 0.3251



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.



41.7812, 0.3153, 0.3132



72.9866, 0.3158, 0.3101



41.5070, 0.3212, 0.3222



9.1397, 0.3159, 0.3097



8.7161, 0.3607, 0.1761



0.3134, 0.3490, 0.1696

Inverse Universe

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



41.7812, 0.3153, 0.3132



72.9866, 0.3158, 0.3101



45.5206, 0.3050, 0.3359



9.1397, 0.3159, 0.3097



8.7161, 0.3607, 0.1761



0.3134, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 41.7794, 0.3153, 0.3132 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 41.7794, 0.3153, 0.3132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

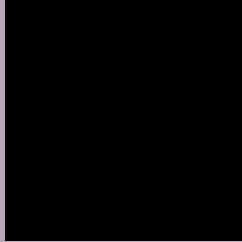
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7794, 0.3153, 0.3132

Background



This preview shows how black text looks on a background with the Yxy color 41.7794, 0.3153, 0.3132.



This preview shows how white text looks on a background with the Yxy color 41.7794, 0.3153, 0.3132.

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

41.7794, 0.3153, 0.3132

Protanopia

41.8082, 0.3046, 0.3142

Deuteranopia

41.7806, 0.3181, 0.3120



Tritanopia

41.8206, 0.3144, 0.3119

Trichromacy



Original Color

41.7794, 0.3153, 0.3132

Protanomaly

41.8503, 0.3089, 0.3143

Deuteranomaly

41.6557, 0.3172, 0.3120

Tritanomaly

41.8206, 0.3144, 0.3119

Monochromacy



Original Color

41.7794, 0.3153, 0.3132

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5264, 0.3139, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7794, 0.3153, 0.3132 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, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 181)  
}
```

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, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 181) }
```

Border

The CSS property to change the border of an element to Yxy 41.7794, 0.3153, 0.3132 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, 169, 181) }
```

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

```
.border{ border-color:rgb(183, 169, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 169, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7794, 0.3153, 0.3132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 181) }
```

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

```
.background{ background-color: rgb(183,  
169, 181) }
```

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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