

Converting Colors

$Y_{xy}(40.7494, 0.3062, 0.3154)$

Have a look what the booklet for
Yxy(40.7494, 0.3062, 0.3154)
contains.

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Color

Yxy(40.8154, 0.3062, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	ACAAB4
RGB	172, 170, 180
RGB Percent	67%, 67%, 71%
CMY	0.3255, 0.3333, 0.2941
CMYK	0.04, 0.06, 0.00, 0.29
HSL	252°, 6%, 69%
HSV	252°, 6%, 71%
XYZ	39.6248, 40.8154, 48.9681
YIQ	171.7380, -2.0180, 3.5340

Conversions

Conversions Part 2

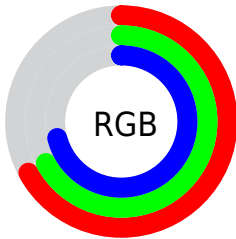
Format	Color
RYB	172, 170, 180
Decimal	11315892
CIELab	70.05, 2.63, -4.88
CIELCh	70, 5.540, 298.341
Yxy	40.8154, 0.3062, 0.3154
Android (android.graphics.Color)	4289505972 (0xFFACAAB4)
YUV	171.7380, 4.0732, 0.2298
Hunter-Lab	63.8869, -1.0904, -0.7238

Details

The Yxy color $40.8154, 0.3062, 0.3154$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $45.0105, 0.3190, 0.3424$, and the grayscale version is $41.0958, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.2374, 0.3071, 0.3174$, and $18.4822, 0.3048, 0.3120$ is the 20% darker color. If you saturate the color by 10%, you get $32.9800, 0.2931, 0.2887$, and if you desaturate by 10%, it is $49.7553, 0.3176, 0.3393$.

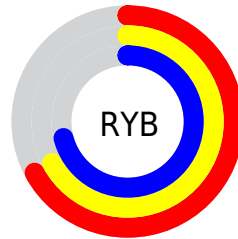
Distribution



Red (67%)

Green (67%)

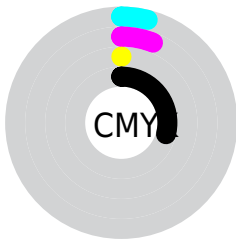
Blue (71%)



Red (67%)

Yellow (67%)

Blue (71%)

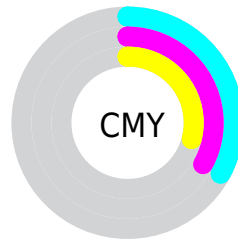


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (29%)



Cyan (33%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.8154, 0.3062, 0.3154 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 40.8154, 0.3062, 0.3154 by changing the saturation by 10% instead.

■ 40.8154, 0.3062,
0.3154

■ 40.8154, 0.3062,
0.3154

349.5485, 0.3095,
0.3223

■ 28.1749, 0.3053,
0.3136

■ 76.4036, 0.3074,
0.3179

■ 18.4575, 0.3042,
0.3114

100.1200, 0.3079,
0.3189

■ 11.2790, 0.3027,
0.3083

128.2972, 0.3083,
0.3197

■ 6.2548, 0.3005,
0.3039

161.3196, 0.3086,
0.3204

■ 3.0006, 0.2970,
0.2972

199.5715, 0.3089,
0.3210

■ 1.1321, 0.2909,
0.2855

243.4374, 0.3091,

■ 0.0051, 0.1642,

0.3215

0.0122

293.3016, 0.3094,
0.3219

0.0000, 0.0000,
0.0000

40.8154, 0.3062,
0.3154

40.8154, 0.3062,
0.3154

32.9800, 0.2931,
0.2887

49.7553, 0.3176,
0.3393

26.2010, 0.2782,
0.2592

59.8350, 0.3273,
0.3603

20.4343, 0.2616,
0.2275

71.0947, 0.3357,
0.3788

15.6309, 0.2437,
0.1945

83.5711, 0.3428,
0.3950

11.7374, 0.2250,
0.1615

94.0639, 0.3499,
0.4047

■ 8.6953, 0.2065,
0.1306

■ 96.0752, 0.3573,
0.4028

■ 6.4392, 0.1894,
0.1039

■ 4.8939, 0.1749,
0.0833

■ 3.9661, 0.1638,
0.0699

Harmonies

Analogous

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



40.8154, 0.3000, 0.3160



40.8154, 0.3062, 0.3154



40.8154, 0.3143, 0.3183

Triad

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



40.8154, 0.3062, 0.3154



40.8154, 0.3286, 0.3377



40.8154, 0.3035, 0.3340

Complementary

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



40.8154, 0.3062, 0.3154



45.0105, 0.3190, 0.3424

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.



40.8154, 0.3110, 0.3401



40.8154, 0.3062, 0.3154



40.8154, 0.3256, 0.3421

Square

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



40.8154, 0.3062, 0.3154



40.8154, 0.3273, 0.3311



40.8154, 0.3191, 0.3430



40.8154, 0.2984, 0.3267

Rectangle

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



40.8154, 0.3062, 0.3154



40.8154, 0.3196, 0.3219



40.8154, 0.3191, 0.3430



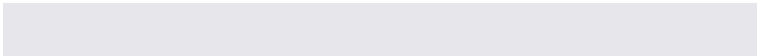
40.8154, 0.3058, 0.3363

Sweetspot

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



40.8171, 0.3062, 0.3154



79.4801, 0.3104, 0.3241



43.7490, 0.3043, 0.3265



17.2158, 0.3105, 0.3244



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.8171, 0.3062, 0.3154



71.6524, 0.3043, 0.3114



41.3748, 0.3105, 0.3156



8.6399, 0.3038, 0.3105



2.5826, 0.1607, 0.0659



0.1051, 0.1873, 0.0805

Inverse Universe

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



41.6697, 0.3150, 0.3183



73.6177, 0.3157, 0.3153



44.4480, 0.3148, 0.3425



8.8892, 0.3158, 0.3146



8.1913, 0.3777, 0.1854



0.2651, 0.3592, 0.1752

Previews

White Background



This preview shows how the Yxy color 40.8154, 0.3062, 0.3154 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 40.8154, 0.3062, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

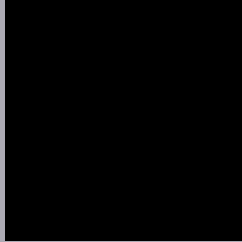
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

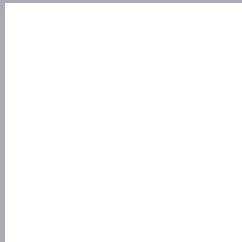
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.8154, 0.3062, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 40.8154, 0.3062, 0.3154.



This preview shows how white text looks on a background with the Yxy color 40.8154, 0.3062, 0.3154.

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

40.8154, 0.3062, 0.3154

Protanopia

40.8154, 0.3062, 0.3154

Deuteranopia

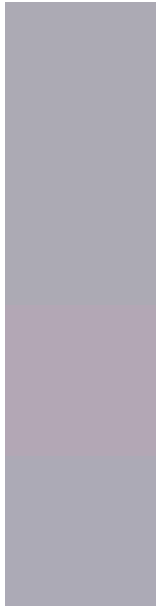
40.6759, 0.3155, 0.3092



Tritanopia

40.9390, 0.3038, 0.3114

Trichromacy



Original Color

40.8154, 0.3062, 0.3154

Protanomaly

40.8154, 0.3062, 0.3154

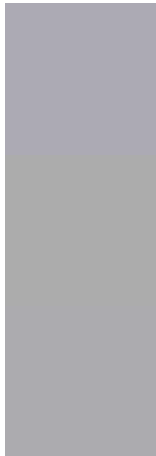
Deuteranomaly

40.5573, 0.3118, 0.3103

Tritanomaly

40.8975, 0.3046, 0.3127

Monochromacy



Original Color

40.8154, 0.3062, 0.3154

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.9916, 0.3103, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.8154, 0.3062, 0.3154 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(172, 170, 180)` looks like.

```
.text, #text, p{  
    color:rgb(172, 170, 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(172, 170, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 170, 180) }
```

Border

The CSS property to change the border of an element to Yxy 40.8154, 0.3062, 0.3154 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(172, 170, 180) }
```

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

```
.border{ border-color:rgb(172, 170, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 170, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 170, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 170, 180);  
box-shadow:4px 4px 4px 4px rgb(172, 170,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 40.8154, 0.3062, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 170, 180) }
```

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

```
.background{ background-color: rgb(172,  
170, 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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