

Converting Colors

$Y_{xy}(40.9944, 0.3071, 0.3184)$

Have a look what the booklet for
Yxy(40.9944, 0.3071, 0.3184)
contains.

Yxy(41.1511, 0.3070, 0.3181)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.1511, 0.3070, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	ACABB3
RGB	172, 171, 179
RGB Percent	67%, 67%, 70%
CMY	0.3254, 0.3294, 0.2980
CMYK	0.04, 0.04, 0.00, 0.30
HSL	248°, 5%, 69%
HSV	248°, 4%, 70%
XYZ	39.7151, 41.1511, 48.4990
YIQ	172.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

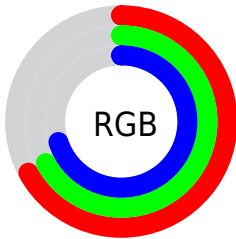
Format	Color
R_{YB}	172, 171, 179
Decimal	11316147
CIE Lab	70.28, 1.90, -3.98
CIE LCh	70, 4.409, 295.514
Yxy	41.1511, 0.3070, 0.3181
Android (android.graphics.Color)	4289506227 (0xFFACABB3)
YUV	172.2110, 3.3470, -0.1850
Hunter-Lab	64.1491, -1.7504, 0.0790

Details

The Yxy color $41.1511, 0.3070, 0.3181$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $44.6458, 0.3183, 0.3397$, and the grayscale version is $41.3526, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.7218, 0.3077, 0.3195$, and $18.6931, 0.3059, 0.3158$ is the 20% darker color. If you saturate the color by 10%, you get $33.1760, 0.2929, 0.2915$, and if you desaturate by 10%, it is $50.2536, 0.3193, 0.3416$.

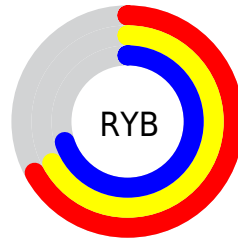
Distribution



Red (67%)

Green (67%)

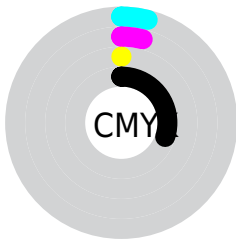
Blue (70%)



Red (67%)

Yellow (67%)

Blue (70%)

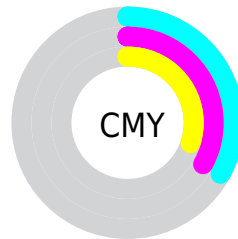


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1511, 0.3070, 0.3181 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 41.1511, 0.3070, 0.3181 by changing the saturation by 10% instead.

■ 41.1511, 0.3070,
0.3181

■ 41.1511, 0.3070,
0.3181

350.9517, 0.3099,
0.3236

■ 28.4372, 0.3062,
0.3167

■ 76.9132, 0.3081,
0.3201

■ 18.6555, 0.3053,
0.3148

100.7302, 0.3085,
0.3209

■ 11.4216, 0.3039,
0.3124

129.0170, 0.3088,
0.3215

■ 6.3512, 0.3020,
0.3088

162.1579, 0.3091,
0.3221

■ 3.0598, 0.2990,
0.3034

200.5375, 0.3094,
0.3226

■ 1.1630, 0.2938,
0.2941

244.5401, 0.3096,

■ 0.0312, 0.1812,

0.3230

0.0744

294.5500, 0.3098,
0.3233

0.0000, 0.0000,
0.0000

41.1511, 0.3070,
0.3181

41.1511, 0.3070,
0.3181

33.1760, 0.2929,
0.2915

50.2536, 0.3193,
0.3416

26.2792, 0.2769,
0.2620

60.5195, 0.3299,
0.3623

20.4160, 0.2591,
0.2299

71.9899, 0.3389,
0.3803

15.5363, 0.2400,
0.1962

84.7020, 0.3467,
0.3959

11.5860, 0.2203,
0.1624

95.1310, 0.3546,
0.4046

■ 8.5055, 0.2010,
0.1304

■ 96.0348, 0.3579,
0.4037

■ 6.2286, 0.1835,
0.1027

■ 4.6791, 0.1692,
0.0815

■ 3.7661, 0.1589,
0.0679

Harmonies

Analogous

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



41.1511, 0.3022, 0.3189



41.1511, 0.3070, 0.3181



41.1511, 0.3133, 0.3202

Triad

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



41.1511, 0.3070, 0.3181



41.1511, 0.3253, 0.3355



41.1511, 0.3059, 0.3335

Complementary

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



41.1511, 0.3070, 0.3181



44.6458, 0.3183, 0.3397

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.



41.1511, 0.3120, 0.3381



41.1511, 0.3070, 0.3181



41.1511, 0.3233, 0.3392

Square

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



41.1511, 0.3070, 0.3181



41.1511, 0.3240, 0.3301



41.1511, 0.3184, 0.3402



41.1511, 0.3016, 0.3277

Rectangle

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



41.1511, 0.3070, 0.3181



41.1511, 0.3176, 0.3229



41.1511, 0.3184, 0.3402



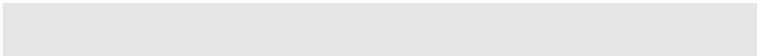
41.1511, 0.3078, 0.3352

Sweetspot

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



41.1529, 0.3070, 0.3181



79.0991, 0.3114, 0.3266



43.7815, 0.3059, 0.3277



17.5434, 0.3115, 0.3267



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.



41.1529, 0.3070, 0.3181



72.7673, 0.3062, 0.3166



41.6032, 0.3105, 0.3182



8.9612, 0.3055, 0.3153



2.4423, 0.1555, 0.0630



0.0932, 0.1744, 0.0734

Inverse Universe

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



41.9239, 0.3141, 0.3197



74.3316, 0.3143, 0.3184



44.1886, 0.3149, 0.3398



9.1747, 0.3144, 0.3173



8.4827, 0.3552, 0.1730



0.2721, 0.3443, 0.1671

Previews

White Background



This preview shows how the Yxy color 41.1511, 0.3070, 0.3181 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 41.1511, 0.3070, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

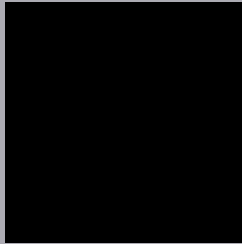
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

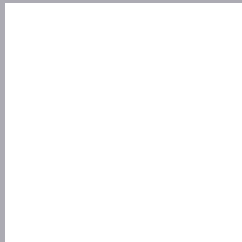
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.1511, 0.3070, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 41.1511, 0.3070, 0.3181.



This preview shows how white text looks on a background with the Yxy color 41.1511, 0.3070, 0.3181.

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

41.1511, 0.3070, 0.3181

Protanopia

41.2647, 0.3079, 0.3181

Deuteranopia

41.2470, 0.3181, 0.3119



Tritanopia

41.0944, 0.3038, 0.3101

Trichromacy



Original Color

41.1511, 0.3070, 0.3181

Protanomaly

41.2647, 0.3079, 0.3181

Deuteranomaly

41.0038, 0.3135, 0.3130

Tritanomaly

41.0111, 0.3055, 0.3128

Monochromacy



Original Color

41.1511, 0.3070, 0.3181

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.3708, 0.3102, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1511, 0.3070, 0.3181 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, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 171, 179)  
}
```

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, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 171, 179) }
```

Border

The CSS property to change the border of an element to Yxy 41.1511, 0.3070, 0.3181 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, 171, 179) }
```

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

```
.border{ border-color:rgb(172, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 171,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1511, 0.3070, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 171, 179) }
```

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

```
.background{ background-color: rgb(172,  
171, 179) }
```

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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