

Converting Colors

$Y_{xy}(41.1390, 0.3060, 0.3203)$

Have a look what the booklet for
Yxy(41.1390, 0.3060, 0.3203)
contains.

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Color

Yxy(41.2654, 0.3060, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	AAACB2
RGB	170, 172, 178
RGB Percent	67%, 67%, 70%
CMY	0.3334, 0.3254, 0.3020
CMYK	0.05, 0.03, 0.00, 0.30
HSL	225°, 5%, 68%
HSV	225°, 5%, 70%
XYZ	39.3616, 41.2654, 48.0058
YIQ	172.0860, -3.1180, 1.4420

Conversions

Conversions Part 2

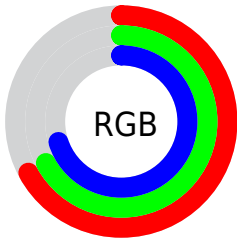
Format	Color
RYB	170, 172, 178
Decimal	11185330
CIELab	70.36, 0.44, -3.32
CIELCh	70, 3.351, 277.591
Yxy	41.2654, 0.3060, 0.3208
Android (android.graphics.Color)	4289375410 (0xFFAAACB2)
YUV	172.0860, 2.9156, -1.8294
Hunter-Lab	64.2382, -3.0417, 0.6587

Details

The Yxy color $41.2654, 0.3060, 0.3208$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $43.4007, 0.3194, 0.3371$, and the grayscale version is $41.2860, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.8862, 0.3069, 0.3216$, and $18.7652, 0.3046, 0.3195$ is the 20% darker color. If you saturate the color by 10%, you get $34.6093, 0.2901, 0.3009$, and if you desaturate by 10%, it is $48.6991, 0.3205, 0.3384$.

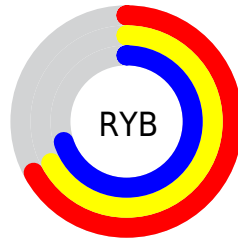
Distribution



Red (67%)

Green (67%)

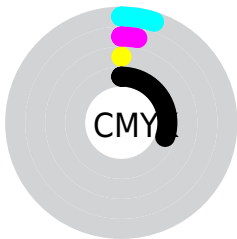
Blue (70%)



Red (67%)

Yellow (67%)

Blue (70%)

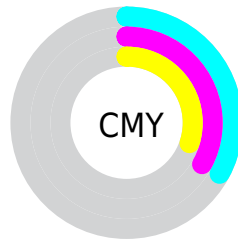


Cyan (5%)

Magenta (3%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (33%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2654, 0.3060, 0.3208 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 41.2654, 0.3060, 0.3208 by changing the saturation by 10% instead.

■ 41.2654, 0.3060,
0.3208

■ 41.2654, 0.3060,
0.3208

351.4286, 0.3094,
0.3250

■ 28.5265, 0.3051,
0.3197

■ 77.0866, 0.3073,
0.3223

■ 18.7229, 0.3040,
0.3183

100.9377, 0.3077,
0.3229

■ 11.4703, 0.3024,
0.3165

129.2617, 0.3081,
0.3234

■ 6.3841, 0.3002,
0.3138

162.4430, 0.3085,
0.3238

■ 3.0800, 0.2968,
0.3096

200.8659, 0.3088,
0.3242

■ 1.1736, 0.2908,
0.3024

244.9149, 0.3090,

■ 0.0400, 0.1339,

0.3245

0.1097

294.9744, 0.3092,
0.3247

0.0000, 0.0000,
0.0000

41.2654, 0.3060,
0.3208

41.2654, 0.3060,
0.3208

34.6093, 0.2901,
0.3009

48.6991, 0.3205,
0.3384

28.7001, 0.2730,
0.2787

56.9293, 0.3337,
0.3538

23.5126, 0.2550,
0.2542

65.9811, 0.3456,
0.3673

19.0182, 0.2364,
0.2278

75.8766, 0.3563,
0.3790

15.1864, 0.2179,
0.2001

85.8755, 0.3630,
0.3898

■ 11.9843, 0.2004,
0.1721

■ 93.9174, 0.3594,
0.4018

■ 9.3758, 0.1847,
0.1451

■ 95.9941, 0.3585,
0.4047

■ 7.3209, 0.1718,
0.1205

■ 5.7738, 0.1624,
0.0997

Harmonies

Analogous

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



41.2654, 0.3036, 0.3227



41.2654, 0.3060, 0.3208



41.2654, 0.3102, 0.3211

Triad

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



41.2654, 0.3060, 0.3208



41.2654, 0.3220, 0.3316



41.2654, 0.3102, 0.3347

Complementary

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



41.2654, 0.3060, 0.3208



43.4007, 0.3194, 0.3371

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.



41.2654, 0.3152, 0.3371



41.2654, 0.3060, 0.3208



41.2654, 0.3220, 0.3353

Square

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



41.2654, 0.3060, 0.3208



41.2654, 0.3195, 0.3273



41.2654, 0.3195, 0.3373



41.2654, 0.3060, 0.3307

Rectangle

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



41.2654, 0.3060, 0.3208



41.2654, 0.3135, 0.3225



41.2654, 0.3195, 0.3373



41.2654, 0.3119, 0.3357

Sweetspot

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



41.2672, 0.3060, 0.3208



79.3782, 0.3112, 0.3272



43.5107, 0.3075, 0.3319



17.6020, 0.3113, 0.3273



91.1408, 0.3127, 0.3290



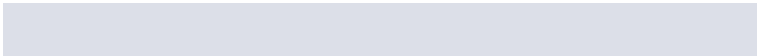
17.8868, 0.3127, 0.3290

Same Dimension

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



41.2672, 0.3060, 0.3208



74.0989, 0.3051, 0.3197



40.7090, 0.3077, 0.3181



9.1424, 0.3043, 0.3187



3.7385, 0.1588, 0.0918



0.2128, 0.1744, 0.1478

Inverse Universe

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



41.1845, 0.3183, 0.3263



73.9346, 0.3190, 0.3259



43.9841, 0.3176, 0.3398



9.1205, 0.3197, 0.3256



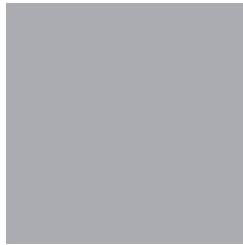
6.9175, 0.5884, 0.3015



0.2273, 0.5088, 0.2577

Previews

White Background



This preview shows how the Yxy color 41.2654, 0.3060, 0.3208 looks on a white background.

Color Contrast Check

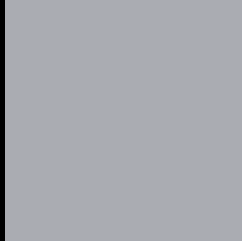
Large Text (above 18pt) WCAG AA × Fail

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 41.2654, 0.3060, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

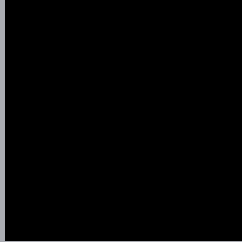
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

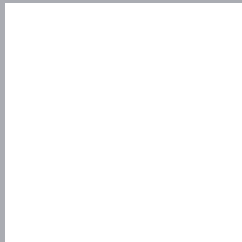
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.2654, 0.3060, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 41.2654, 0.3060, 0.3208.



This preview shows how white text looks on a background with the Yxy color 41.2654, 0.3060, 0.3208.

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

41.2654, 0.3060, 0.3208

Protanopia

41.1844, 0.3095, 0.3208

Deuteranopia

41.2064, 0.3190, 0.3132



Tritanopia

41.2865, 0.3013, 0.3101

Trichromacy



Original Color

41.2654, 0.3060, 0.3208

Protanomaly

41.0708, 0.3086, 0.3208

Deuteranomaly

41.3339, 0.3142, 0.3157

Tritanomaly

41.1611, 0.3037, 0.3141

Monochromacy



Original Color

41.2654, 0.3060, 0.3208

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2190, 0.3102, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2654, 0.3060, 0.3208 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(170, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(170, 172, 178)  
}
```

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(170, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 172, 178) }
```

Border

The CSS property to change the border of an element to Yxy 41.2654, 0.3060, 0.3208 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(170, 172, 178) }
```

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

```
.border{ border-color:rgb(170, 172, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 172, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 172, 178);  
box-shadow:4px 4px 4px 4px rgb(170, 172,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2654, 0.3060, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 172, 178) }
```

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

```
.background{ background-color: rgb(170,  
172, 178) }
```

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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