

Converting Colors

$Yxy(42.6254, 0.3008, 0.3275)$

Have a look what the booklet for
Yxy(42.6254, 0.3008, 0.3275)
contains.

Yxy(42.5511, 0.3008, 0.3276)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.5511, 0.3008, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A4B1B2
RGB	164, 177, 178
RGB Percent	64%, 69%, 70%
CMY	0.3568, 0.3059, 0.3020
CMYK	0.08, 0.01, 0.00, 0.30
HSL	184°, 8%, 67%
HSV	184°, 8%, 70%
XYZ	39.0701, 42.5511, 48.2661
YIQ	173.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

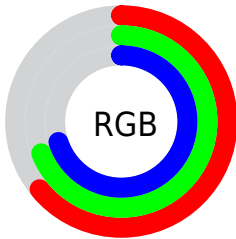
Format	Color
RYB	164, 171, 178
Decimal	10793394
CIELab	71.25, -4.31, -2.07
CIELCh	71, 4.776, 205.630
Yxy	42.5511, 0.3008, 0.3276
Android (android.graphics.Color)	4288983474 (0xFFA4B1B2)
YUV	173.2270, 2.3531, -8.0921
Hunter-Lab	65.2312, -7.2423, 1.7917

Details

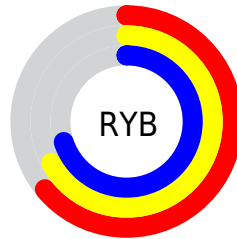
The Yxy color **42.5511, 0.3008, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0591, 0.3258, 0.3304**, and the grayscale version is **41.9041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2784, 0.3028, 0.3279**, and **19.3407, 0.2975, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **40.2943, 0.2862, 0.3257**, and if you desaturate by 10%, it is **45.0812, 0.3160, 0.3294**.

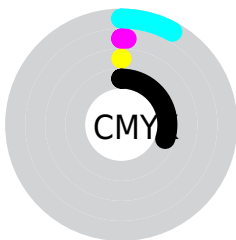
Distribution



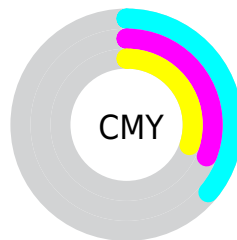
- Red (64%)
- Green (69%)
- Blue (70%)



- Red (64%)
- Yellow (67%)
- Blue (70%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)





- Cyan (36%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5511, 0.3008, 0.3276 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 42.5511, 0.3008, 0.3276 by changing the saturation by 10% instead.

 42.5511, 0.3008,
0.3276

 42.5511, 0.3008,
0.3276


356.7624, 0.3068,
0.3283

 29.5331, 0.2993,
0.3274


 79.0330, 0.3030,
0.3279

 19.4844, 0.2973,
0.3271


 103.2657, 0.3038,
0.3280

 12.0208, 0.2946,
0.3268

132.0053, 0.3045,
0.3281

 6.7579, 0.2908,
0.3262

165.6364, 0.3051,
0.3281

 3.3111, 0.2850,
0.3254

204.5432, 0.3056,
0.3282

 1.2962, 0.2751,
0.3238

249.1102, 0.3061,

 0.1383, 0.0573,

0.3283

0.3009

299.7218, 0.3065,
0.3283

0.0000, 0.0000,
0.0000

42.5511, 0.3008,
0.3276

42.5511, 0.3008,
0.3276

40.2943, 0.2862,
0.3257

45.0812, 0.3160,
0.3294

38.2943, 0.2724,
0.3236

47.8894, 0.3316,
0.3310

36.5413, 0.2598,
0.3214

50.9873, 0.3472,
0.3324

35.0226, 0.2486,
0.3192

54.3842, 0.3626,
0.3337

33.7245, 0.2390,
0.3168

58.0890, 0.3778,
0.3348

■ 32.6316, 0.2313,
0.3144

■ 58.9861, 0.3791,
0.3361

■ 31.7268, 0.2255,
0.3120

■ 59.5137, 0.3787,
0.3374

■ 30.9900, 0.2214,
0.3097

■ 60.0460, 0.3783,
0.3387

■ 30.3894, 0.2190,
0.3073

■ 60.5830, 0.3779,
0.3400

Harmonies

Analogous

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



42.5511, 0.3054, 0.3338



42.5511, 0.3008, 0.3276



42.5511, 0.2994, 0.3219

Triad

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



42.5511, 0.3008, 0.3276



42.5511, 0.3134, 0.3196



42.5511, 0.3240, 0.3399

Complementary

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



42.5511, 0.3008, 0.3276



39.0591, 0.3258, 0.3304

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.



42.5511, 0.3262, 0.3360



42.5511, 0.3008, 0.3276



42.5511, 0.3201, 0.3243

Square

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



42.5511, 0.3008, 0.3276



42.5511, 0.3066, 0.3173



42.5511, 0.3248, 0.3302



42.5511, 0.3188, 0.3410

Rectangle

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



42.5511, 0.3008, 0.3276



42.5511, 0.3004, 0.3191



42.5511, 0.3248, 0.3302



42.5511, 0.3251, 0.3389

Sweetspot

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



42.5529, 0.3008, 0.3276



79.7831, 0.3096, 0.3286



42.4457, 0.3111, 0.3473



17.6870, 0.3098, 0.3287



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.



42.5529, 0.3008, 0.3276



76.6151, 0.2988, 0.3274



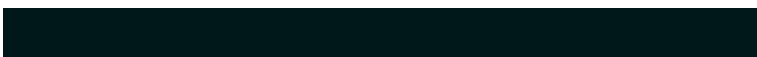
39.8863, 0.3008, 0.3180



9.5266, 0.2986, 0.3273



21.6978, 0.2186, 0.3071



0.7132, 0.2205, 0.3136

Inverse Universe

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



39.1971, 0.3145, 0.3115



69.5804, 0.3148, 0.3085



41.6255, 0.3249, 0.3398



8.6361, 0.3148, 0.3081



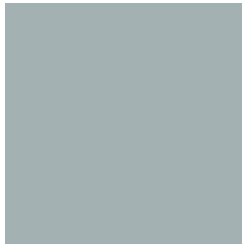
8.7305, 0.3392, 0.1642



0.2778, 0.3336, 0.1611

Previews

White Background



This preview shows how the Yxy color 42.5511, 0.3008, 0.3276 looks on a white background.

Color Contrast Check

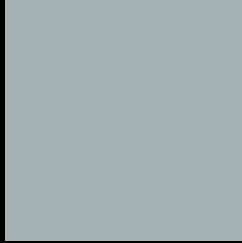
Large Text (above 18pt) WCAG AA × Fail

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 42.5511, 0.3008, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

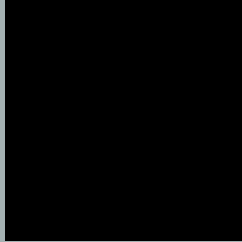
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

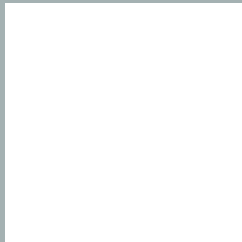
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5511, 0.3008, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 42.5511, 0.3008, 0.3276.



This preview shows how white text looks on a background with the Yxy color 42.5511, 0.3008, 0.3276.

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

42.5511, 0.3008, 0.3276

Protanopia

42.3688, 0.3138, 0.3250

Deuteranopia

42.4900, 0.3216, 0.3148



Tritanopia

42.4411, 0.2940, 0.3100

Trichromacy



Original Color

42.5511, 0.3008, 0.3276

Protanomaly

42.2171, 0.3085, 0.3249

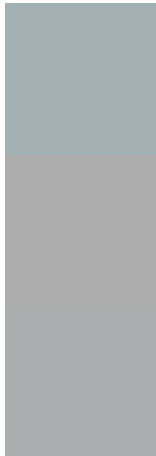
Deuteranomaly

42.4630, 0.3140, 0.3197

Tritanomaly

42.5528, 0.2962, 0.3167

Monochromacy



Original Color

42.5511, 0.3008, 0.3276

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9133, 0.3084, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5511, 0.3008, 0.3276 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(164, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(164, 177, 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(164, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 177, 178) }
```

Border

The CSS property to change the border of an element to Yxy 42.5511, 0.3008, 0.3276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

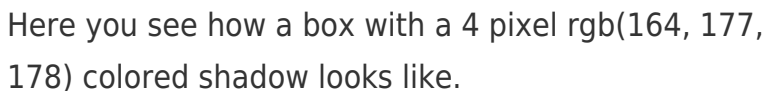
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(164, 177, 178) }
```

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

```
.border{ border-color:rgb(164, 177, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(164, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 177, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 177, 178); box-shadow:4px 4px 4px 4px rgb(164, 177, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5511, 0.3008, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 177, 178) }
```

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

```
.background{ background-color: rgb(164,  
177, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor