

Converting Colors

$Yxy(42.4513, 0.2990, 0.3318)$

Have a look what the booklet for
Yxy(42.4513, 0.2990, 0.3318)
contains.

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Color

Yxy(42.4490, 0.2990, 0.3318)

Conversions

Conversions Part 1

Format	Color
Hex	A0B2B0
RGB	160, 178, 176
RGB Percent	63%, 70%, 69%
CMY	0.3725, 0.3019, 0.3099
CMYK	0.10, 0.00, 0.01, 0.30
HSL	173°, 10%, 66%
HSV	173°, 10%, 70%
XYZ	38.2527, 42.4490, 47.2338
YIQ	172.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

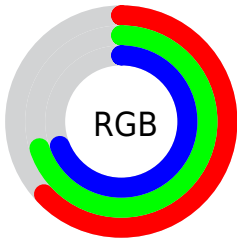
Format	Color
RYB	160, 170, 178
Decimal	10531504
CIELab	71.18, -6.62, -1.09
CIELCh	71, 6.705, 189.366
Yxy	42.4490, 0.2990, 0.3318
Android (android.graphics.Color)	4288721584 (0xFFA0B2B0)
YUV	172.3900, 1.7797, -10.8660
Hunter-Lab	65.1529, -9.2162, 2.6237

Details

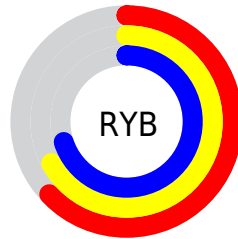
The Yxy color **42.4490, 0.2990, 0.3318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.2212, 0.3283, 0.3262**, and the grayscale version is **41.4582, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1189, 0.3014, 0.3311**, and **19.3106, 0.2940, 0.3309** is the 20% darker color. If you saturate the color by 10%, you get **40.6663, 0.2861, 0.3348**, and if you desaturate by 10%, it is **44.4992, 0.3126, 0.3290**.

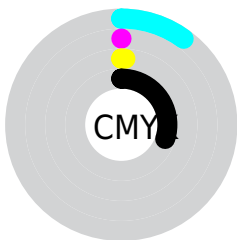
Distribution



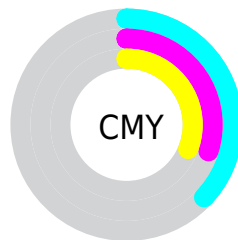
- Red (63%)
- Green (70%)
- Blue (69%)



- Red (63%)
- Yellow (67%)
- Blue (70%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)



- Cyan (37%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4490, 0.2990, 0.3318 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 42.4490, 0.2990, 0.3318 by changing the saturation by 10% instead.

■ 42.4490, 0.2990,
0.3318

■ 42.4490, 0.2990,
0.3318

356.3409, 0.3060,
0.3304

■ 29.4530, 0.2972,
0.3321

■ 78.8787, 0.3016,
0.3313

■ 19.4238, 0.2949,
0.3326

■ 103.0813, 0.3025,
0.3311

■ 11.9769, 0.2919,
0.3332

131.7881, 0.3033,
0.3309

■ 6.7280, 0.2875,
0.3340

165.3837, 0.3040,
0.3308

■ 3.2926, 0.2808,
0.3352

204.2523, 0.3046,
0.3307

■ 1.2863, 0.2693,
0.3373

248.7785, 0.3051,

■ 0.1306, 0.0000,

0.3306

0.3741

299.3465, 0.3056,
0.3305

0.0000, 0.0000,
0.0000

42.4490, 0.2990,
0.3318

42.4490, 0.2990,
0.3318

40.6663, 0.2861,
0.3348

44.4992, 0.3126,
0.3290

39.1345, 0.2742,
0.3381

46.8218, 0.3265,
0.3265

37.8436, 0.2634,
0.3416

49.4287, 0.3407,
0.3243

36.7807, 0.2542,
0.3453

52.3292, 0.3548,
0.3223

35.9317, 0.2467,
0.3490

55.5322, 0.3687,
0.3206

■ 35.2810, 0.2410,
0.3529

■ 56.7365, 0.3721,
0.3186

■ 34.8107, 0.2372,
0.3568

■ 56.8241, 0.3702,
0.3165

■ 34.5000, 0.2352,
0.3607

■ 56.9129, 0.3684,
0.3144

■ 34.3060, 0.2346,
0.3645

■ 57.0030, 0.3666,
0.3124

Harmonies

Analogous

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



42.4490, 0.3072, 0.3399



42.4490, 0.2990, 0.3318



42.4490, 0.2945, 0.3230

Triad

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



42.4490, 0.2990, 0.3318



42.4490, 0.3083, 0.3136



42.4490, 0.3309, 0.3417

Complementary

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



42.4490, 0.2990, 0.3318



37.2212, 0.3283, 0.3262

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.



42.4490, 0.3313, 0.3345



42.4490, 0.2990, 0.3318



42.4490, 0.3181, 0.3185

Square

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



42.4490, 0.2990, 0.3318



42.4490, 0.2998, 0.3127



42.4490, 0.3266, 0.3261



42.4490, 0.3256, 0.3456

Rectangle

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



42.4490, 0.2990, 0.3318



42.4490, 0.2942, 0.3181



42.4490, 0.3266, 0.3261



42.4490, 0.3316, 0.3396

Sweetspot

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



42.4508, 0.2990, 0.3318



79.5475, 0.3085, 0.3298



42.0742, 0.3133, 0.3545



17.5563, 0.3074, 0.3300



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.



42.4508, 0.2990, 0.3318



76.2589, 0.2962, 0.3324



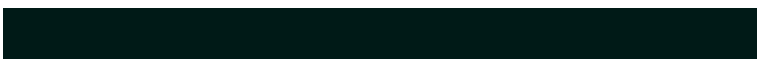
39.8556, 0.2973, 0.3193



9.6146, 0.3000, 0.3316



24.5507, 0.2345, 0.3641



0.7771, 0.2315, 0.3533

Inverse Universe

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



37.2212, 0.3283, 0.3262



64.9695, 0.3320, 0.3256



39.6079, 0.3292, 0.3385



8.5204, 0.3270, 0.3264



6.8138, 0.6241, 0.3212



0.2194, 0.5713, 0.2921

Previews

White Background



This preview shows how the Yxy color 42.4490, 0.2990, 0.3318 looks on a white background.

Color Contrast Check

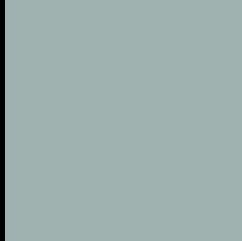
Large Text (above 18pt) WCAG AA × Fail

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 42.4490, 0.2990, 0.3318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

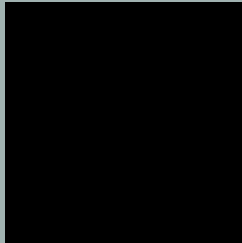
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4490, 0.2990, 0.3318

Background



This preview shows how black text looks on a background with the Yxy color 42.4490, 0.2990, 0.3318.

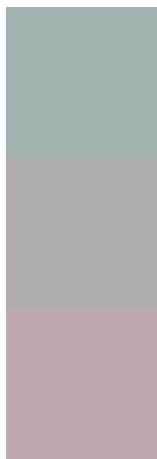


This preview shows how white text looks on a background with the Yxy color 42.4490, 0.2990, 0.3318.

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

42.4490, 0.2990, 0.3318

Protanopia

42.2514, 0.3163, 0.3290

Deuteranopia

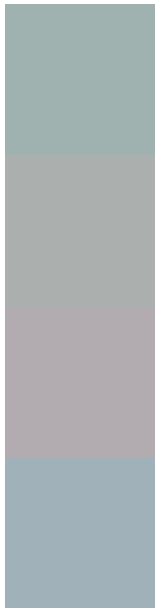
42.4091, 0.3233, 0.3173



Tritanopia

42.4498, 0.2900, 0.3099

Trichromacy



Original Color

42.4490, 0.2990, 0.3318

Protanomaly

42.3739, 0.3100, 0.3304

Deuteranomaly

42.1443, 0.3139, 0.3223

Tritanomaly

42.5241, 0.2929, 0.3180

Monochromacy



Original Color

42.4490, 0.2990, 0.3318

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.6141, 0.3082, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4490, 0.2990, 0.3318 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(160, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(160, 178, 176)  
}
```

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(160, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 178, 176) }
```

Border

The CSS property to change the border of an element to Yxy 42.4490, 0.2990, 0.3318 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(160, 178, 176) }
```

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

```
.border{ border-color:rgb(160, 178, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(160, 178,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4490, 0.2990, 0.3318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 178, 176) }
```

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

```
.background{ background-color: rgb(160,  
178, 176) }
```

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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