

Converting Colors

$Yxy(44.1352, 0.2990, 0.3314)$

Have a look what the booklet for
Yxy(44.1352, 0.2990, 0.3314)
contains.

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Color

Yxy(44.0890, 0.2992, 0.3317)

Conversions

Conversions Part 1

Format	Color
Hex	A3B5B3
RGB	163, 181, 179
RGB Percent	64%, 71%, 70%
CMY	0.3607, 0.2902, 0.2980
CMYK	0.10, 0.00, 0.01, 0.29
HSL	173°, 11%, 67%
HSV	173°, 10%, 71%
XYZ	39.7692, 44.0890, 49.0601
YIQ	175.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

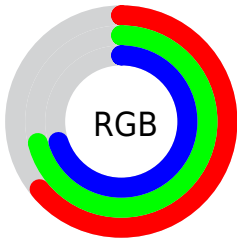
Format	Color
RYB	163, 173, 181
Decimal	10728883
CIELab	72.29, -6.58, -1.11
CIELCh	72, 6.672, 189.549
Yxy	44.0890, 0.2992, 0.3317
Android (android.graphics.Color)	4288918963 (0xFFA3B5B3)
YUV	175.3900, 1.7797, -10.8660
Hunter-Lab	66.3995, -9.2889, 2.6725

Details

The Yxy color **44.0890, 0.2992, 0.3317** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.7467, 0.3281, 0.3263**, and the grayscale version is **43.0802, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4720, 0.3015, 0.3311**, and **20.3242, 0.2954, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **42.2337, 0.2863, 0.3347**, and if you desaturate by 10%, it is **46.2227, 0.3128, 0.3290**.

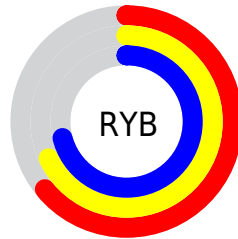
Distribution



Red (64%)

Green (71%)

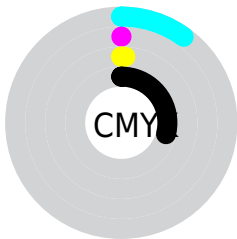
Blue (70%)



Red (64%)

Yellow (68%)

Blue (71%)

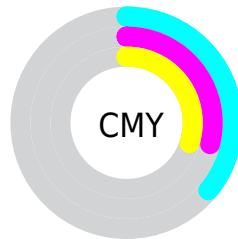


Cyan (10%)

Magenta (0%)

Yellow (1%)

Black (29%)



Cyan (36%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0890, 0.2992, 0.3317 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 44.0890, 0.2992, 0.3317 by changing the saturation by 10% instead.


 44.0890, 0.2992,
0.3317

 44.0890, 0.2992,
0.3317

363.0713, 0.3060,
0.3304

 30.7405, 0.2975,
0.3320


 81.3516, 0.3017,
0.3312

 20.4013, 0.2953,
0.3324


 106.0346, 0.3026,
0.3310

 12.6871, 0.2923,
0.3330


135.2644, 0.3034,
0.3309

 7.2134, 0.2881,
0.3338

169.4256, 0.3041,
0.3308

 3.5959, 0.2818,
0.3349

208.9025, 0.3047,
0.3306

 1.4502, 0.2710,
0.3368

254.0795, 0.3052,

 0.2533, 0.1167,

0.3305

0.3689

305.3409, 0.3056,
0.3304

0.0000, 0.0000,
0.0000

44.0890, 0.2992,
0.3317

44.0890, 0.2992,
0.3317

42.2337, 0.2863,
0.3347

46.2227, 0.3128,
0.3290

40.6396, 0.2743,
0.3379

48.6401, 0.3268,
0.3265

39.2962, 0.2635,
0.3413

51.3532, 0.3410,
0.3243

38.1901, 0.2542,
0.3449

54.3720, 0.3552,
0.3224

37.3067, 0.2466,
0.3486

57.7056, 0.3691,
0.3207

■ 36.6297, 0.2409,
0.3524

■ 58.0715, 0.3686,
0.3186

■ 36.1406, 0.2370,
0.3563

■ 58.1608, 0.3668,
0.3165

■ 35.8177, 0.2350,
0.3601

■ 58.2513, 0.3651,
0.3144

■ 35.6161, 0.2344,
0.3638

■ 58.3431, 0.3633,
0.3124

Harmonies

Analogous

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



44.0890, 0.3072, 0.3397



44.0890, 0.2992, 0.3317



44.0890, 0.2948, 0.3231

Triad

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



44.0890, 0.2992, 0.3317



44.0890, 0.3085, 0.3139



44.0890, 0.3306, 0.3415

Complementary

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



44.0890, 0.2992, 0.3317



38.7467, 0.3281, 0.3263

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.



44.0890, 0.3310, 0.3345



44.0890, 0.2992, 0.3317



44.0890, 0.3181, 0.3187

Square

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



44.0890, 0.2992, 0.3317



44.0890, 0.3001, 0.3130



44.0890, 0.3264, 0.3262



44.0890, 0.3254, 0.3453

Rectangle

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



44.0890, 0.2992, 0.3317



44.0890, 0.2945, 0.3182



44.0890, 0.3264, 0.3262



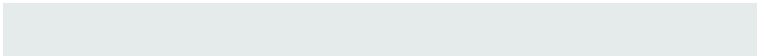
44.0890, 0.3313, 0.3394

Sweetspot

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



44.0909, 0.2992, 0.3317



81.5403, 0.3085, 0.3298



43.7049, 0.3133, 0.3540



17.5565, 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.



44.0909, 0.2992, 0.3317



78.1699, 0.2962, 0.3324



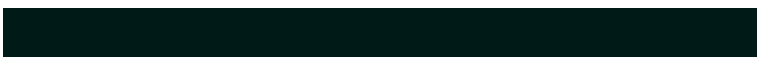
41.4406, 0.2976, 0.3194



9.6149, 0.3000, 0.3315



24.5595, 0.2343, 0.3634



0.7774, 0.2313, 0.3528

Inverse Universe

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



38.7467, 0.3281, 0.3263



66.5850, 0.3321, 0.3257



41.1876, 0.3289, 0.3384



8.5201, 0.3270, 0.3265



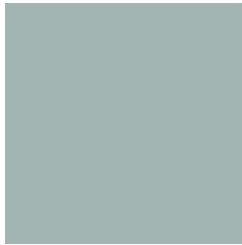
6.8128, 0.6245, 0.3214



0.2193, 0.5723, 0.2926

Previews

White Background



This preview shows how the Yxy color 44.0890, 0.2992, 0.3317 looks on a white background.

Color Contrast Check

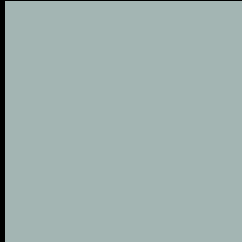
Large Text (above 18pt) WCAG AA × Fail

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 44.0890, 0.2992, 0.3317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

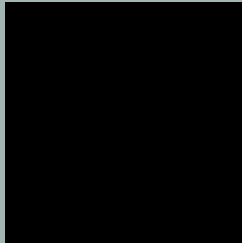
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

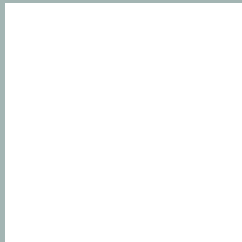
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0890, 0.2992, 0.3317

Background



This preview shows how black text looks on a background with the Yxy color 44.0890, 0.2992, 0.3317.



This preview shows how white text looks on a background with the Yxy color 44.0890, 0.2992, 0.3317.

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

44.0890, 0.2992, 0.3317

Protanopia

43.8886, 0.3162, 0.3290

Deuteranopia

44.0477, 0.3231, 0.3175



Tritanopia

44.0898, 0.2903, 0.3102

Trichromacy



Original Color

44.0890, 0.2992, 0.3317

Protanomaly

44.0138, 0.3101, 0.3303

Deuteranomaly

43.7790, 0.3139, 0.3224

Tritanomaly

44.1659, 0.2932, 0.3181

Monochromacy



Original Color

44.0890, 0.2992, 0.3317

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.2368, 0.3083, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0890, 0.2992, 0.3317 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(163, 181, 179)` looks like.

```
.text, #text, p{  
    color:rgb(163, 181, 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(163, 181, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 181, 179) }
```

Border

The CSS property to change the border of an element to Yxy 44.0890, 0.2992, 0.3317 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(163, 181, 179) }
```

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

```
.border{ border-color:rgb(163, 181, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 181, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 181, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 181, 179);  
box-shadow:4px 4px 4px 4px rgb(163, 181,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0890, 0.2992, 0.3317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 181, 179) }
```

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

```
.background{ background-color: rgb(163,  
181, 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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