

Converting Colors

$Y_{xy}(44.1209, 0.2955, 0.3117)$

Have a look what the booklet for
Yxy(44.1209, 0.2955, 0.3117)
contains.

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Color

Yxy(44.1484, 0.2958, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	AAB2BF
RGB	170, 178, 191
RGB Percent	67%, 70%, 75%
CMY	0.3334, 0.3019, 0.2510
CMYK	0.11, 0.07, 0.00, 0.25
HSL	217°, 14%, 71%
HSV	217°, 11%, 75%
XYZ	41.8964, 44.1484, 55.5927
YIQ	177.0900, -8.9410, 2.3470

Conversions

Conversions Part 2

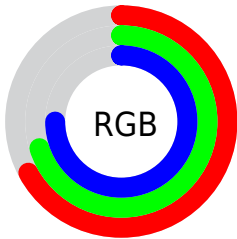
Format	Color
RYB	170, 176, 191
Decimal	11186879
CIELab	72.33, -0.20, -7.56
CIElCh	72, 7.565, 268.502
Yxy	44.1484, 0.2958, 0.3117
Android (android.graphics.Color)	4289376959 (0xFFAAB2BF)
YUV	177.0900, 6.8576, -6.2179
Hunter-Lab	66.4443, -3.7245, -3.0959

Details

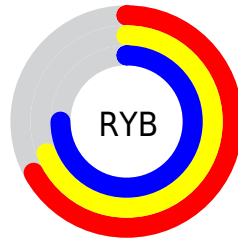
The Yxy color $44.1484, 0.2958, 0.3117$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.8206, 0.3301, 0.3457$, and the grayscale version is $43.9817, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.5686, 0.2989, 0.3155$, and $20.3538, 0.2908, 0.3052$ is the 20% darker color. If you saturate the color by 10%, you get $37.6813, 0.2795, 0.2940$, and if you desaturate by 10%, it is $51.3318, 0.3112, 0.3275$.

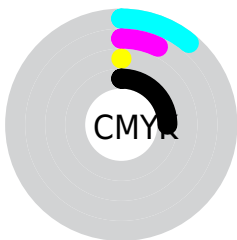
Distribution



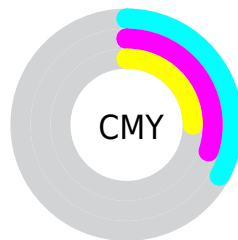
- Red (67%)
- Green (70%)
- Blue (75%)



- Red (67%)
- Yellow (69%)
- Blue (75%)



- Cyan (11%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1484, 0.2958, 0.3117 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 44.1484, 0.2958, 0.3117 by changing the saturation by 10% instead.

■ 44.1484, 0.2958,
0.3117

■ 44.1484, 0.2958,
0.3117

363.3135, 0.3043,
0.3204

■ 30.7872, 0.2937,
0.3095

■ 81.4410, 0.2989,
0.3149

■ 20.4369, 0.2909,
0.3067

106.1412, 0.3001,
0.3161

■ 12.7130, 0.2872,
0.3029

135.3898, 0.3011,
0.3171

■ 7.2312, 0.2820,
0.2976

169.5713, 0.3019,
0.3179

■ 3.6071, 0.2742,
0.2895

209.0700, 0.3026,
0.3187

■ 1.4563, 0.2611,
0.2760

254.2703, 0.3033,

■ 0.2577, 0.1837,

0.3193

0.1971

305.5567, 0.3038,
0.3199

0.0000, 0.0000,
0.0000

44.1484, 0.2958,
0.3117

44.1484, 0.2958,
0.3117

37.6813, 0.2795,
0.2940

51.3318, 0.3112,
0.3275

31.9016, 0.2625,
0.2744

59.2482, 0.3256,
0.3415

26.7864, 0.2452,
0.2532

67.9207, 0.3390,
0.3539

22.3093, 0.2280,
0.2305

77.3694, 0.3512,
0.3647

18.4420, 0.2116,
0.2069

85.5741, 0.3549,
0.3753

■ 15.1537, 0.1967,
0.1831

■ 92.6277, 0.3522,
0.3863

■ 12.4100, 0.1839,
0.1599

■ 96.5408, 0.3508,
0.3920

■ 10.1721, 0.1738,
0.1384

■ 8.5338, 0.1669,
0.1208

Harmonies

Analogous

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



44.1484, 0.2920, 0.3170



44.1484, 0.2958, 0.3117



44.1484, 0.3041, 0.3110

Triad

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



44.1484, 0.2958, 0.3117



44.1484, 0.3321, 0.3317



44.1484, 0.3104, 0.3437

Complementary

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



44.1484, 0.2958, 0.3117



47.8206, 0.3301, 0.3457

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.



44.1484, 0.3212, 0.3477



44.1484, 0.2958, 0.3117



44.1484, 0.3338, 0.3405

Square

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



44.1484, 0.2958, 0.3117



44.1484, 0.3251, 0.3224



44.1484, 0.3298, 0.3464



44.1484, 0.3004, 0.3356

Rectangle

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



44.1484, 0.2958, 0.3117



44.1484, 0.3111, 0.3131



44.1484, 0.3298, 0.3464



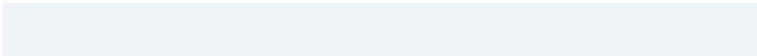
44.1484, 0.3140, 0.3456

Sweetspot

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



44.1502, 0.2958, 0.3117



89.2125, 0.3081, 0.3244



49.2135, 0.3018, 0.3396



19.3547, 0.3069, 0.3232



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.1502, 0.2958, 0.3117



76.4232, 0.2923, 0.3080



41.3209, 0.2977, 0.3009



9.8076, 0.2984, 0.3144



5.7544, 0.1676, 0.1233



0.3527, 0.1814, 0.1729

Inverse Universe

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



43.0299, 0.3250, 0.3187



74.1113, 0.3278, 0.3165



50.9144, 0.3268, 0.3559



9.5952, 0.3230, 0.3203



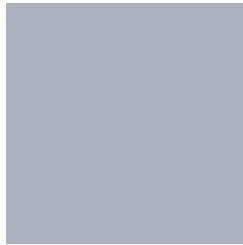
7.6106, 0.5420, 0.2759



0.3110, 0.4771, 0.2402

Previews

White Background



This preview shows how the Yxy color 44.1484, 0.2958, 0.3117 looks on a white background.

Color Contrast Check

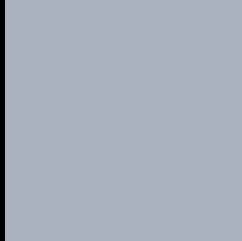
Large Text (above 18pt) WCAG AA × Fail

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 44.1484, 0.2958, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

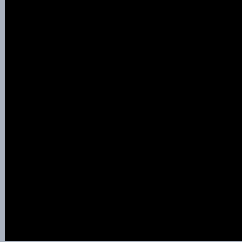
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

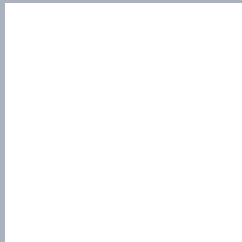
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1484, 0.2958, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 44.1484, 0.2958, 0.3117.

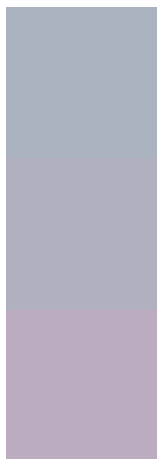


This preview shows how white text looks on a background with the Yxy color 44.1484, 0.2958, 0.3117.

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

44.1484, 0.2958, 0.3117

Protanopia

44.1155, 0.3024, 0.3106

Deuteranopia

44.0022, 0.3104, 0.3035



Tritanopia

44.1926, 0.2951, 0.3104

Trichromacy



Original Color

44.1484, 0.2958, 0.3117

Protanomaly

44.1607, 0.2999, 0.3118

Deuteranomaly

43.9016, 0.3043, 0.3056

Tritanomaly

44.1926, 0.2951, 0.3104

Monochromacy



Original Color

44.1484, 0.2958, 0.3117

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8204, 0.3061, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1484, 0.2958, 0.3117 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, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(170, 178, 191)  
}
```

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, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 178, 191) }
```

Border

The CSS property to change the border of an element to Yxy 44.1484, 0.2958, 0.3117 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, 178, 191) }
```

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

```
.border{ border-color:rgb(170, 178, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(170, 178,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1484, 0.2958, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 178, 191) }
```

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

```
.background{ background-color: rgb(170,  
178, 191) }
```

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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