

Converting Colors

$Y_{xy}(44.7720, 0.2955, 0.3123)$

Have a look what the booklet for
Yxy(44.7720, 0.2955, 0.3123)
contains.

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Color

Yxy(44.5920, 0.2951, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	AAB3C0
RGB	170, 179, 192
RGB Percent	67%, 70%, 75%
CMY	0.3332, 0.2981, 0.2471
CMYK	0.11, 0.07, 0.00, 0.25
HSL	216°, 15%, 71%
HSV	216°, 11%, 75%
XYZ	42.2172, 44.5920, 56.2514
YIQ	177.7910, -9.5370, 2.1350

Conversions

Conversions Part 2

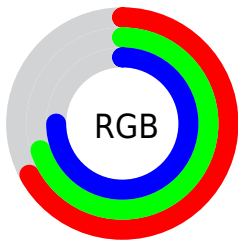
Format	Color
RYB	170, 176, 192
Decimal	11187136
CIELab	72.62, -0.50, -7.68
CIELCh	73, 7.699, 266.277
Yxy	44.5920, 0.2951, 0.3117
Android (android.graphics.Color)	4289377216 (0xFFAAB3C0)
YUV	177.7910, 7.0050, -6.8327
Hunter-Lab	66.7772, -4.0108, -3.2003

Details

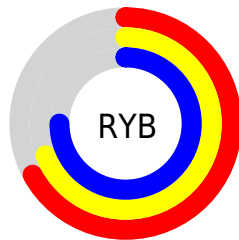
The Yxy color **44.5920, 0.2951, 0.3117** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.9936, 0.3309, 0.3457**, and the grayscale version is **44.3741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2015, 0.2983, 0.3156**, and **20.6373, 0.2898, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **38.2372, 0.2788, 0.2947**, and if you desaturate by 10%, it is **51.6388, 0.3106, 0.3269**.

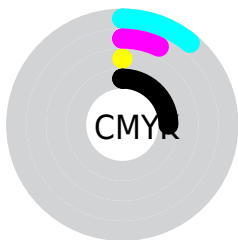
Distribution



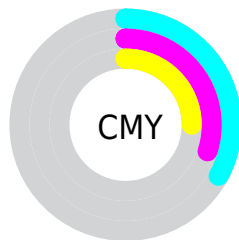
- Red (67%)
- Green (70%)
- Blue (75%)



- 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 44.5920, 0.2951, 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 44.5920, 0.2951, 0.3117 by changing the saturation by 10% instead.

■ 44.5920, 0.2951,
0.3117

■ 44.5920, 0.2951,
0.3117

365.1186, 0.3039,
0.3204

■ 31.1362, 0.2929,
0.3095

■ 82.1078, 0.2983,
0.3149

■ 20.7026, 0.2900,
0.3067

106.9366, 0.2995,
0.3161

■ 12.9068, 0.2862,
0.3029

136.3252, 0.3006,
0.3171

■ 7.3644, 0.2808,
0.2976

170.6580, 0.3014,
0.3179

■ 3.6910, 0.2728,
0.2896

210.3193, 0.3022,
0.3187

■ 1.5023, 0.2594,
0.2763

255.6936, 0.3028,

■ 0.2903, 0.1874,

0.3193

0.2063

307.1652, 0.3034,
0.3199

0.0000, 0.0000,
0.0000

44.5920, 0.2951,
0.3117

44.5920, 0.2951,
0.3117

38.2372, 0.2788,
0.2947

51.6388, 0.3106,
0.3269

32.5461, 0.2620,
0.2759

59.3933, 0.3251,
0.3405

27.4970, 0.2449,
0.2554

67.8777, 0.3385,
0.3524

23.0643, 0.2281,
0.2337

77.1116, 0.3510,
0.3628

19.2207, 0.2121,
0.2110

84.9606, 0.3545,
0.3732

■ 15.9364, 0.1976,
0.1881

■ 91.7101, 0.3519,
0.3838

■ 13.1782, 0.1852,
0.1657

■ 96.5858, 0.3502,
0.3910

■ 10.9083, 0.1754,
0.1446

■ 9.3011, 0.1689,
0.1281

Harmonies

Analogous

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



44.5920, 0.2917, 0.3174



44.5920, 0.2951, 0.3117



44.5920, 0.3032, 0.3106

Triad

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



44.5920, 0.2951, 0.3117



44.5920, 0.3320, 0.3311



44.5920, 0.3112, 0.3444

Complementary

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



44.5920, 0.2951, 0.3117



47.9936, 0.3309, 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.



44.5920, 0.3220, 0.3481



44.5920, 0.2951, 0.3117



44.5920, 0.3342, 0.3401

Square

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



44.5920, 0.2951, 0.3117



44.5920, 0.3246, 0.3217



44.5920, 0.3305, 0.3464



44.5920, 0.3009, 0.3364

Rectangle

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



44.5920, 0.2951, 0.3117



44.5920, 0.3103, 0.3126



44.5920, 0.3305, 0.3464



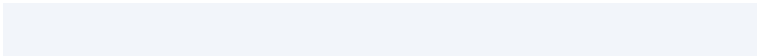
44.5920, 0.3149, 0.3462

Sweetspot

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



44.5939, 0.2951, 0.3117



91.4288, 0.3081, 0.3246



49.6623, 0.3019, 0.3411



19.3859, 0.3069, 0.3234



97.7402, 0.3127, 0.3290



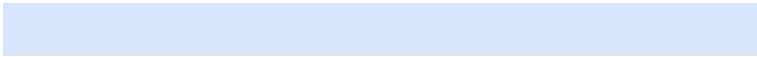
20.4902, 0.3127, 0.3290

Same Dimension

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



44.5939, 0.2951, 0.3117



77.4717, 0.2906, 0.3071



41.3231, 0.2965, 0.2997



10.4076, 0.2984, 0.3150



6.4033, 0.1696, 0.1305



0.4121, 0.1821, 0.1756

Inverse Universe

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



43.2231, 0.3251, 0.3175



74.5302, 0.3285, 0.3146



51.5727, 0.3280, 0.3570



10.1445, 0.3226, 0.3196



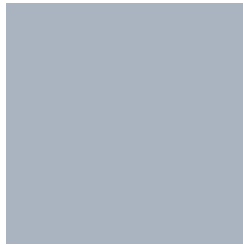
7.9287, 0.5320, 0.2704



0.3562, 0.4738, 0.2384

Previews

White Background



This preview shows how the Yxy color 44.5920, 0.2951, 0.3117 looks on a white background.

Color Contrast Check

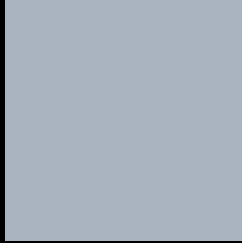
Large Text (above 18pt) WCAG AA × Fail

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 44.5920, 0.2951, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

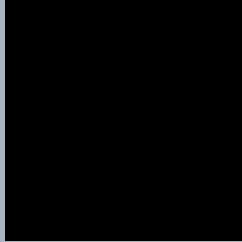
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

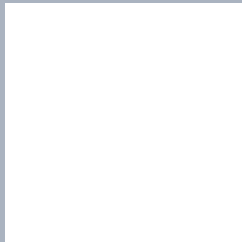
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5920, 0.2951, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 44.5920, 0.2951, 0.3117.

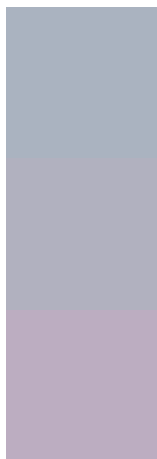


This preview shows how white text looks on a background with the Yxy color 44.5920, 0.2951, 0.3117.

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

44.5920, 0.2951, 0.3117

Protanopia

44.5530, 0.3016, 0.3106

Deuteranopia

44.4288, 0.3095, 0.3035



Tritanopia

44.6365, 0.2943, 0.3104

Trichromacy



Original Color

44.5920, 0.2951, 0.3117

Protanomaly

44.6010, 0.2991, 0.3118

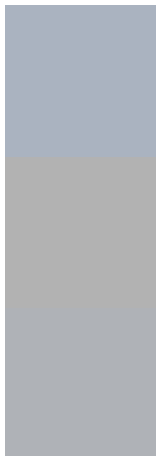
Deuteranomaly

44.3340, 0.3035, 0.3057

Tritanomaly

44.6365, 0.2943, 0.3104

Monochromacy



Original Color

44.5920, 0.2951, 0.3117

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3736, 0.3062, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5920, 0.2951, 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, 179, 192)` looks like.

```
.text, #text, p{  
    color:rgb(170, 179, 192)  
}
```

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, 179, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 179, 192) }
```

Border

The CSS property to change the border of an element to Yxy 44.5920, 0.2951, 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, 179, 192) }
```

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

```
.border{ border-color:rgb(170, 179, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 179, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 179, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 179, 192);  
box-shadow:4px 4px 4px 4px rgb(170, 179,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5920, 0.2951, 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, 179, 192) }
```

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

```
.background{ background-color: rgb(170,  
179, 192) }
```

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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