

Converting Colors

$Yxy(60.2663, 0.2806, 0.3201)$

Have a look what the booklet for
Yxy(60.2663, 0.2806, 0.3201)
contains.

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Color

Yxy(60.4211, 0.2808, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	ACD3DA
RGB	172, 211, 218
RGB Percent	67%, 83%, 85%
CMY	0.3257, 0.1725, 0.1451
CMYK	0.21, 0.03, 0.00, 0.15
HSL	189°, 38%, 76%
HSV	189°, 21%, 85%
XYZ	52.9533, 60.4211, 75.2058
YIQ	200.1370, -25.4910, -6.0910

Conversions

Conversions Part 2

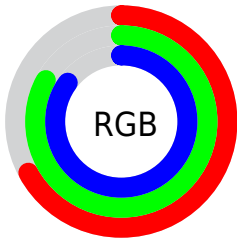
Format	Color
RYB	172, 193, 218
Decimal	11326426
CIELab	82.07, -11.28, -7.71
CIELCh	82, 13.662, 214.361
Yxy	60.4211, 0.2808, 0.3204
Android (android.graphics.Color)	4289516506 (0xFFACD3DA)
YUV	200.1370, 8.8065, -24.6761
Hunter-Lab	77.7310, -14.4283, -2.9522

Details

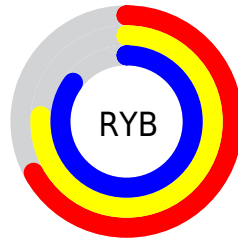
The Yxy color **60.4211, 0.2808, 0.3204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.0966, 0.3534, 0.3374**, and the grayscale version is **57.7993, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **30.3432, 0.2731, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **56.5296, 0.2667, 0.3158**, and if you desaturate by 10%, it is **64.7559, 0.2957, 0.3247**.

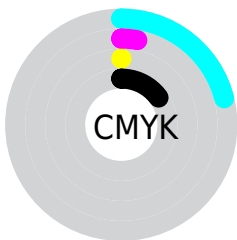
Distribution



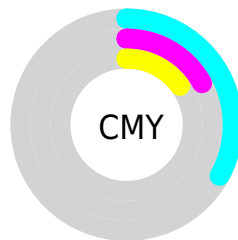
- Red (67%)
- Green (83%)
- Blue (85%)



- Red (67%)
- Yellow (76%)
- Blue (85%)



- Cyan (21%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (33%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4211, 0.2808, 0.3204 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 60.4211, 0.2808, 0.3204 by changing the saturation by 10% instead.

■ 60.4211, 0.2808,
0.3204

■ 60.4211, 0.2808,
0.3204

426.1482, 0.2959,
0.3247

■ 43.7581, 0.2773,
0.3193

■ 105.4403, 0.2861,
0.3220

■ 30.4804, 0.2728,
0.3180

134.5653, 0.2882,
0.3225

■ 20.2035, 0.2672,
0.3162

168.6131, 0.2899,
0.3230

■ 12.5431, 0.2596,
0.3137

207.9682, 0.2914,
0.3235

■ 7.1147, 0.2491,
0.3100

253.0148, 0.2928,
0.3238

■ 3.5339, 0.2335,
0.3042

304.1374, 0.2939,

■ 1.4164, 0.2081,

0.3242

0.2937

361.7204, 0.2950,
0.3245

0.2288, 0.0000,
0.2250

0.0000, 0.0000,
0.0000

60.4211, 0.2808,
0.3204

60.4211, 0.2808,
0.3204

56.5296, 0.2667,
0.3158

64.7559, 0.2957,
0.3247

53.0542, 0.2537,
0.3109

69.5453, 0.3110,
0.3286

49.9757, 0.2421,
0.3058

74.8090, 0.3265,
0.3321

47.2705, 0.2321,
0.3005

79.7689, 0.3389,
0.3353

■ 44.9122, 0.2240,
0.2951

■ 81.5673, 0.3384,
0.3386

■ 42.8706, 0.2178,
0.2896

■ 83.4006, 0.3380,
0.3419

■ 41.1098, 0.2135,
0.2842

■ 85.2688, 0.3375,
0.3452

■ 39.7280, 0.2110,
0.2795

■ 87.1723, 0.3370,
0.3484

■ 89.1111, 0.3365,
0.3516

Harmonies

Analogous

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



60.4211, 0.2900, 0.3366



60.4211, 0.2808, 0.3204



60.4211, 0.2799, 0.3072

Triad

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



60.4211, 0.2808, 0.3204



60.4211, 0.3194, 0.3083



60.4211, 0.3382, 0.3585

Complementary

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



60.4211, 0.2808, 0.3204



50.0966, 0.3534, 0.3374

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.



60.4211, 0.3466, 0.3498



60.4211, 0.2808, 0.3204



60.4211, 0.3357, 0.3211

Square

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



60.4211, 0.2808, 0.3204



60.4211, 0.3018, 0.3008



60.4211, 0.3457, 0.3361



60.4211, 0.3230, 0.3591

Rectangle

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



60.4211, 0.2808, 0.3204



60.4211, 0.2840, 0.3017



60.4211, 0.3457, 0.3361



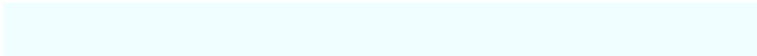
60.4211, 0.3419, 0.3563

Sweetspot

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



60.4236, 0.2808, 0.3204



95.7402, 0.3034, 0.3267



62.1599, 0.3056, 0.3784



20.3963, 0.3024, 0.3264



0.0000, 0.0000, 0.0000



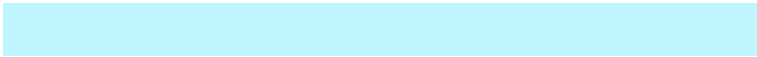
21.4041, 0.3127, 0.3290

Same Dimension

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



60.4236, 0.2808, 0.3204



83.8305, 0.2749, 0.3186



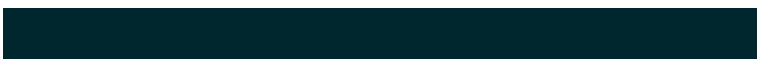
49.8209, 0.2788, 0.2915



14.4753, 0.2982, 0.3254



23.9263, 0.2112, 0.2803



1.6432, 0.2136, 0.2890

Inverse Universe

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



49.0938, 0.3209, 0.2843



65.2432, 0.3227, 0.2754



60.0702, 0.3480, 0.3639



13.2391, 0.3161, 0.3094



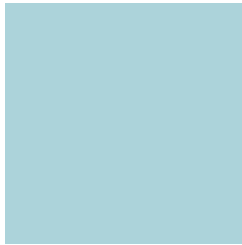
11.0391, 0.3632, 0.1774



0.7246, 0.3552, 0.1730

Previews

White Background



This preview shows how the Yxy color 60.4211, 0.2808, 0.3204 looks on a white background.

Color Contrast Check

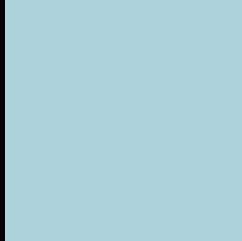
Large Text (above 18pt) WCAG AA × Fail

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 60.4211, 0.2808, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

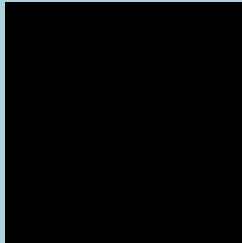
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.4211, 0.2808, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 60.4211, 0.2808, 0.3204.



This preview shows how white text looks on a background with the Yxy color 60.4211, 0.2808, 0.3204.

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

60.4211, 0.2808, 0.3204

Protanopia

60.0243, 0.3072, 0.3163

Deuteranopia

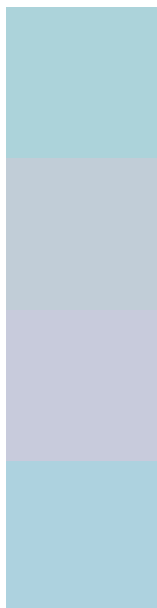
60.2076, 0.3101, 0.3032



Tritanopia

60.5828, 0.2772, 0.3097

Trichromacy



Original Color

60.4211, 0.2808, 0.3204

Protanomaly

59.9064, 0.2969, 0.3171

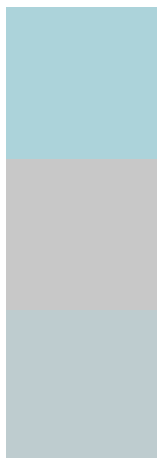
Deuteranomaly

60.1585, 0.2987, 0.3093

Tritanomaly

60.3051, 0.2784, 0.3132

Monochromacy



Original Color

60.4211, 0.2808, 0.3204

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

58.6379, 0.3001, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4211, 0.2808, 0.3204 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(172, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(172, 211, 218)  
}
```

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(172, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 211, 218) }
```

Border

The CSS property to change the border of an element to Yxy 60.4211, 0.2808, 0.3204 is called "border". The border property can be set on classes, ids or directly on the HTML element.

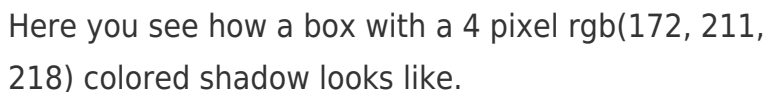
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 211, 218) }
```

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

```
.border{ border-color:rgb(172, 211, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 211, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 211, 218); box-shadow:4px 4px 4px 4px rgb(172, 211, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4211, 0.2808, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 211, 218) }
```

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

```
.background{ background-color: rgb(172,  
211, 218) }
```

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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