

Converting Colors

Yxy(64.9472, 0.2909, 0.3395)

Have a look what the booklet for
Yxy(64.9472, 0.2909, 0.3395)
contains.

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Color

Yxy(64.8999, 0.2908, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	B3DBD2
RGB	179, 219, 210
RGB Percent	70%, 86%, 82%
CMY	0.2980, 0.1412, 0.1763
CMYK	0.18, 0.00, 0.04, 0.14
HSL	167°, 36%, 78%
HSV	167°, 18%, 86%
XYZ	55.5575, 64.8999, 70.5932
YIQ	206.0140, -20.9510, -11.2790

Conversions

Conversions Part 2

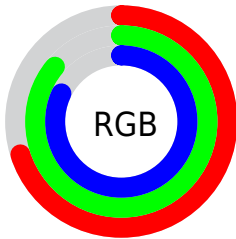
Format	Color
RYB	179, 202, 219
Decimal	11787218
CIELab	84.43, -14.84, 0.06
CIELCh	84, 14.838, 179.774
Yxy	64.8999, 0.2908, 0.3397
Android (android.graphics.Color)	4289977298 (0xFFB3DBD2)
YUV	206.0140, 1.9651, -23.6913
Hunter-Lab	80.5605, -17.8805, 4.4379

Details

The Yxy color **64.8999, 0.2908, 0.3397** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.9294, 0.3403, 0.3186**, and the grayscale version is **61.7306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4022, 0.3005, 0.3290**, and **33.3868, 0.2854, 0.3417** is the 20% darker color. If you saturate the color by 10%, you get **62.2560, 0.2798, 0.3463**, and if you desaturate by 10%, it is **67.9711, 0.3026, 0.3336**.

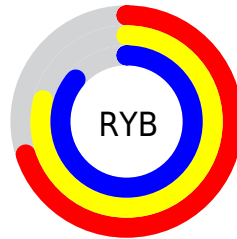
Distribution



Red (70%)

Green (86%)

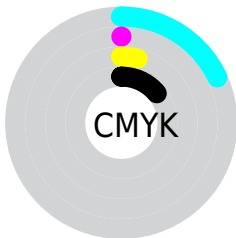
Blue (82%)



Red (70%)

Yellow (79%)

Blue (86%)

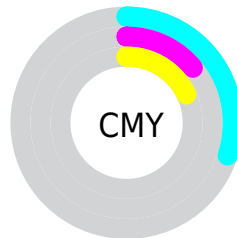


Cyan (18%)

Magenta (0%)

Yellow (4%)

Black (14%)



Cyan (30%)


Magenta (14%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8999, 0.2908, 0.3397 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 64.8999, 0.2908, 0.3397 by changing the saturation by 10% instead.


 64.8999, 0.2908,
0.3397

 64.8999, 0.2908,
0.3397


442.4322, 0.3011,
0.3347

 47.3799, 0.2884,
0.3409


 111.9059, 0.2944,
0.3379

 33.3361, 0.2854,
0.3423


142.1608, 0.2958,
0.3372

 22.3840, 0.2815,
0.3442


177.4294, 0.2970,
0.3367

 14.1394, 0.2764,
0.3467

218.0961, 0.2981,
0.3362

 8.2177, 0.2692,
0.3502

264.5453, 0.2990,
0.3357

 4.2345, 0.2586,
0.3554

317.1615, 0.2998,

 1.8056, 0.2413,

0.3353

0.3639

376.3290, 0.3005,
0.3350

0.4907, 0.0926,
0.4362

0.0000, 0.0000,
0.0000

64.8999, 0.2908,
0.3397

64.8999, 0.2908,
0.3397

62.2560, 0.2798,
0.3463

67.9711, 0.3026,
0.3336

60.0118, 0.2698,
0.3535

71.4798, 0.3149,
0.3281

58.1487, 0.2612,
0.3611

75.4459, 0.3274,
0.3231

56.6437, 0.2542,
0.3690


77.6189, 0.3315,
0.3184


 55.4711, 0.2491,
0.3772


 77.8981, 0.3281,
0.3136


 54.6018, 0.2459,
0.3855


 78.1852, 0.3247,
0.3088

 54.0014, 0.2447,
0.3938

 78.4801, 0.3214,
0.3040

 53.6198, 0.2453,
0.4021

 78.7830, 0.3181,
0.2994

 53.5630, 0.2454,
0.4035

 79.0939, 0.3149,
0.2947

Harmonies

Analogous

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



64.8999, 0.3077, 0.3543



64.8999, 0.2908, 0.3397



64.8999, 0.2799, 0.3224

Triad

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



64.8999, 0.2908, 0.3397



64.8999, 0.2984, 0.2985



64.8999, 0.3492, 0.3490

Complementary

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



64.8999, 0.2908, 0.3397



50.9294, 0.3403, 0.3186

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.



64.8999, 0.3467, 0.3341



64.8999, 0.2908, 0.3397



64.8999, 0.3169, 0.3055

Square

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



64.8999, 0.2908, 0.3397



64.8999, 0.2842, 0.2991



64.8999, 0.3347, 0.3183



64.8999, 0.3417, 0.3593

Rectangle

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



64.8999, 0.2908, 0.3397



64.8999, 0.2772, 0.3120



64.8999, 0.3347, 0.3183



64.8999, 0.3495, 0.3444

Sweetspot

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



64.9026, 0.2908, 0.3397



97.4788, 0.3065, 0.3318



64.6525, 0.3171, 0.3776



20.7914, 0.3056, 0.3322



0.0000, 0.0000, 0.0000



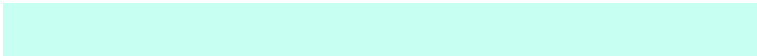
21.4041, 0.3127, 0.3290

Same Dimension

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



64.9026, 0.2908, 0.3397



90.0848, 0.2864, 0.3422



59.9732, 0.2847, 0.3161



14.7770, 0.3012, 0.3343



31.7768, 0.2451, 0.4022



2.0712, 0.2413, 0.3888

Inverse Universe

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



50.9294, 0.3403, 0.3186



66.7879, 0.3478, 0.3162



54.9975, 0.3459, 0.3416



13.0991, 0.3257, 0.3238



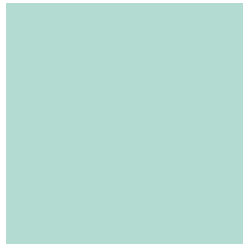
9.0755, 0.5997, 0.3078



0.6011, 0.5536, 0.2823

Previews

White Background



This preview shows how the Yxy color 64.8999, 0.2908, 0.3397 looks on a white background.

Color Contrast Check

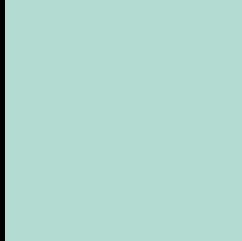
Large Text (above 18pt) WCAG AA × Fail

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 64.8999, 0.2908, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

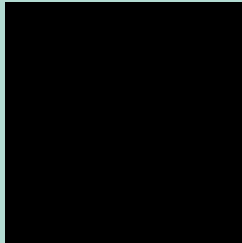
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

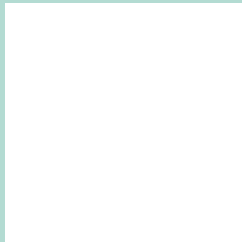
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.8999, 0.2908, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 64.8999, 0.2908, 0.3397.



This preview shows how white text looks on a background with the Yxy color 64.8999, 0.2908, 0.3397.

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





Tritanopia

65.0622, 0.2794, 0.3092

Trichromacy



Original Color

64.8999, 0.2908, 0.3397

Protanomaly

64.6501, 0.3087, 0.3359

Deuteranomaly

64.2033, 0.3121, 0.3256

Tritanomaly

65.0070, 0.2836, 0.3195

Monochromacy



Original Color

64.8999, 0.2908, 0.3397

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.8293, 0.3044, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8999, 0.2908, 0.3397 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(179, 219, 210)` looks like.

```
.text, #text, p{  
    color:rgb(179, 219, 210)  
}
```

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(179, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 219, 210) }
```

Border

The CSS property to change the border of an element to Yxy 64.8999, 0.2908, 0.3397 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(179, 219, 210) }
```

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

```
.border{ border-color:rgb(179, 219, 210) }
```

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

Here you see how a box with a 4 pixel rgb(179, 219, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(179, 219,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8999, 0.2908, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 219, 210) }
```

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

```
.background{ background-color: rgb(179,  
219, 210) }
```

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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