

Converting Colors

$Yxy(51.1785, 0.2797, 0.3174)$

Have a look what the booklet for
Yxy(51.1785, 0.2797, 0.3174)
contains.

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Color

Yxy(51.3612, 0.2795, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	A0C4CD
RGB	160, 196, 205
RGB Percent	63%, 77%, 80%
CMY	0.3726, 0.2314, 0.1960
CMYK	0.22, 0.04, 0.00, 0.20
HSL	192°, 31%, 72%
HSV	192°, 22%, 80%
XYZ	45.2568, 51.3612, 65.3026
YIQ	186.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

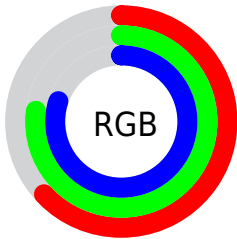
Format	Color
RYB	160, 180, 205
Decimal	10536141
CIELab	76.90, -9.98, -8.50
CIElCh	77, 13.107, 220.401
Yxy	51.3612, 0.2795, 0.3172
Android (android.graphics.Color)	4288726221 (0xFFA0C4CD)
YUV	186.2620, 9.2378, -23.0318
Hunter-Lab	71.6667, -12.6959, -3.8582

Details

The Yxy color **51.3612, 0.2795, 0.3172** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9002, 0.3546, 0.3405**, and the grayscale version is **49.2152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9176, 0.2888, 0.3269**, and **24.7062, 0.2701, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **47.5941, 0.2652, 0.3111**, and if you desaturate by 10%, it is **55.5317, 0.2944, 0.3229**.

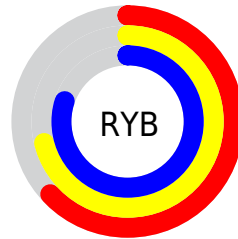
Distribution



Red (63%)

Green (77%)

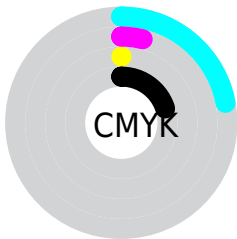
Blue (80%)



Red (63%)

Yellow (71%)

Blue (80%)

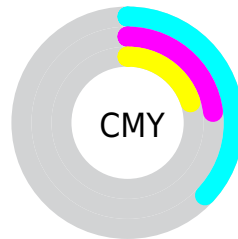


Cyan (22%)

Magenta (4%)

Yellow (0%)

Black (20%)



Cyan (37%)


Magenta (23%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3612, 0.2795, 0.3172 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 51.3612, 0.2795, 0.3172 by changing the saturation by 10% instead.

 51.3612, 0.2795,
0.3172


 51.3612, 0.2795,
0.3172

391.9655, 0.2957,
0.3232

 36.4961, 0.2756,
0.3157


 92.1885, 0.2853,
0.3194

 24.8176, 0.2707,
0.3137


 118.9195, 0.2875,
0.3202

 15.9412, 0.2642,
0.3111


150.3746, 0.2893,
0.3209

 9.4826, 0.2554,
0.3074

186.9382, 0.2910,
0.3215

 5.0573, 0.2429,
0.3018

228.9947, 0.2924,
0.3220

 2.2809, 0.2234,
0.2925

276.9285, 0.2936,

 0.7636, 0.1754,

0.3225

0.2778

331.1239, 0.2947,
0.3229

0.0000, 0.0000,
0.0000

51.3612, 0.2795,
0.3172

51.3612, 0.2795,
0.3172

47.5941, 0.2652,
0.3111

55.5317, 0.2944,
0.3229

44.2066, 0.2519,
0.3046

60.1155, 0.3097,
0.3280

41.1819, 0.2399,
0.2977

65.1301, 0.3250,
0.3327

38.4993, 0.2294,
0.2906

70.5900, 0.3403,
0.3369

36.1356, 0.2207,
0.2833

75.0584, 0.3495,
0.3408

■ 34.0644, 0.2140,
0.2760

■ 77.1963, 0.3487,
0.3450

■ 32.2541, 0.2092,
0.2687

■ 79.3873, 0.3479,
0.3491

■ 30.9440, 0.2064,
0.2629

■ 81.6316, 0.3471,
0.3531

■ 83.9298, 0.3463,
0.3571

Harmonies

Analogous

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



51.3612, 0.2873, 0.3334



51.3612, 0.2795, 0.3172



51.3612, 0.2803, 0.3049

Triad

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



51.3612, 0.2795, 0.3172



51.3612, 0.3231, 0.3104



51.3612, 0.3358, 0.3597

Complementary

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



51.3612, 0.2795, 0.3172



43.9002, 0.3546, 0.3405

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.



51.3612, 0.3461, 0.3524



51.3612, 0.2795, 0.3172



51.3612, 0.3387, 0.3240

Square

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



51.3612, 0.2795, 0.3172



51.3612, 0.3051, 0.3014



51.3612, 0.3471, 0.3392



51.3612, 0.3196, 0.3586

Rectangle

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



51.3612, 0.2795, 0.3172



51.3612, 0.2856, 0.3003



51.3612, 0.3471, 0.3392



51.3612, 0.3401, 0.3581

Sweetspot

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



51.3633, 0.2795, 0.3172



94.5100, 0.3018, 0.3255



54.0124, 0.3038, 0.3773



20.1312, 0.3009, 0.3251



0.0000, 0.0000, 0.0000



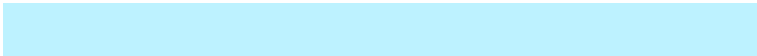
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3633, 0.2795, 0.3172



81.3373, 0.2732, 0.3146



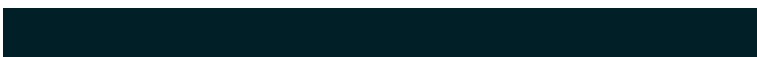
41.9602, 0.2773, 0.2869



12.3304, 0.2983, 0.3242



19.3950, 0.2067, 0.2639



1.1001, 0.2106, 0.2780

Inverse Universe

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



42.1058, 0.3232, 0.2851



63.9202, 0.3256, 0.2762



53.0074, 0.3488, 0.3678



11.3637, 0.3168, 0.3107



9.7609, 0.3786, 0.1859



0.5136, 0.3653, 0.1786

Previews

White Background



This preview shows how the Yxy color 51.3612, 0.2795, 0.3172 looks on a white background.

Color Contrast Check

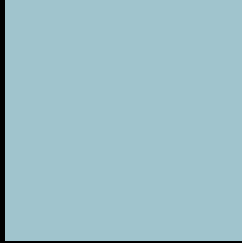
Large Text (above 18pt) WCAG AA × Fail

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 51.3612, 0.2795, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

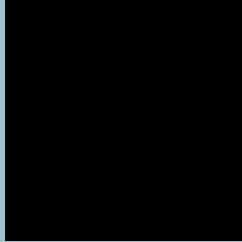
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

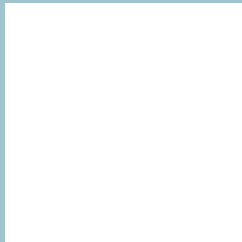
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.3612, 0.2795, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 51.3612, 0.2795, 0.3172.



This preview shows how white text looks on a background with the Yxy color 51.3612, 0.2795, 0.3172.

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

51.3612, 0.2795, 0.3172

Protanopia

51.0837, 0.3053, 0.3141

Deuteranopia

50.9281, 0.3074, 0.3013



Tritanopia

51.3104, 0.2763, 0.3084

Trichromacy



Original Color

51.3612, 0.2795, 0.3172

Protanomaly

51.1096, 0.2952, 0.3151

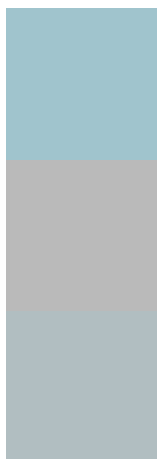
Deuteranomaly

50.7370, 0.2969, 0.3066

Tritanomaly

51.2107, 0.2776, 0.3109

Monochromacy



Original Color

51.3612, 0.2795, 0.3172

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.0243, 0.3001, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3612, 0.2795, 0.3172 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(160, 196, 205)` looks like.

```
.text, #text, p{  
    color:rgb(160, 196, 205)  
}
```

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(160, 196, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 196, 205) }
```

Border

The CSS property to change the border of an element to Yxy 51.3612, 0.2795, 0.3172 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(160, 196, 205) }
```

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

```
.border{ border-color:rgb(160, 196, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 196, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 196, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 196, 205);  
box-shadow:4px 4px 4px 4px rgb(160, 196,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3612, 0.2795, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 196, 205) }
```

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

```
.background{ background-color: rgb(160,  
196, 205) }
```

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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