

Converting Colors

$Yxy(58.1208, 0.2790, 0.3314)$

Have a look what the booklet for
Yxy(58.1208, 0.2790, 0.3314)
contains.

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Color

Yxy(58.1208, 0.2790, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	A0D2D0
RGB	160, 210, 208
RGB Percent	63%, 82%, 82%
CMY	0.3725, 0.1765, 0.1842
CMYK	0.24, 0.00, 0.01, 0.18
HSL	178°, 36%, 73%
HSV	178°, 24%, 82%
XYZ	48.9309, 58.1208, 68.3279
YIQ	194.8220, -29.1580, -11.2220

Conversions

Conversions Part 2

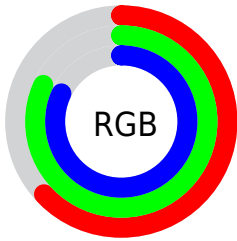
Format	Color
RYB	160, 186, 210
Decimal	10539728
CIELab	80.81, -16.54, -4.32
CIELCh	81, 17.092, 194.646
Yxy	58.1208, 0.2790, 0.3314
Android (android.graphics.Color)	4288729808 (0xFFA0D2D0)
YUV	194.8220, 6.4968, -30.5389
Hunter-Lab	76.2370, -18.8488, 0.2269

Details

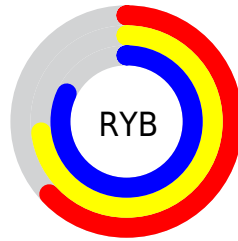
The Yxy color **58.1208, 0.2790, 0.3314** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4520, 0.3599, 0.3267**, and the grayscale version is **54.4373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3389, 0.2894, 0.3289**, and **28.9016, 0.2701, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **56.0977, 0.2666, 0.3325**, and if you desaturate by 10%, it is **60.5144, 0.2926, 0.3303**.

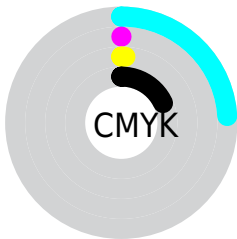
Distribution



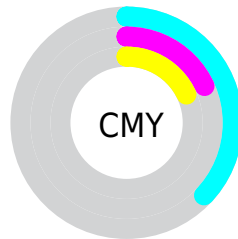
- Red (63%)
- Green (82%)
- Blue (82%)



- Red (63%)
- Yellow (73%)
- Blue (82%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)




- Cyan (37%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.1208, 0.2790, 0.3314 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 58.1208, 0.2790, 0.3314 by changing the saturation by 10% instead.

 58.1208, 0.2790,
0.3314


 58.1208, 0.2790,
0.3314


417.6359, 0.2951,
0.3304

 41.9058, 0.2752,
0.3316

 102.0988, 0.2847,
0.3311

 29.0275, 0.2704,
0.3318


 130.6305, 0.2869,
0.3310

 19.1016, 0.2643,
0.3320


164.0365, 0.2887,
0.3309

 11.7437, 0.2560,
0.3322

202.7013, 0.2904,
0.3307

 6.5694, 0.2444,
0.3324

247.0093, 0.2918,
0.3307

 3.1943, 0.2270,
0.3322

297.3448, 0.2930,

 1.2340, 0.1969,

0.3306

354.0922, 0.2941,
0.3305

0.3313

0.0892, 0.0000,
0.1826

0.0000, 0.0000,
0.0000

58.1208, 0.2790,
0.3314

58.1208, 0.2790,
0.3314

56.0977, 0.2666,
0.3325

60.5144, 0.2926,
0.3303

54.4196, 0.2558,
0.3338

63.2885, 0.3070,
0.3294

53.0691, 0.2466,
0.3350

66.4615, 0.3221,
0.3285

52.0240, 0.2393,
0.3363

70.0484, 0.3375,
0.3277

■ 51.2597, 0.2339,
0.3376

■ 72.1168, 0.3454,
0.3269

■ 50.7478, 0.2303,
0.3389

■ 72.1589, 0.3447,
0.3260

■ 50.4538, 0.2286,
0.3402

■ 72.2012, 0.3441,
0.3252

■ 50.3438, 0.2281,
0.3410

■ 72.2437, 0.3435,
0.3243

■ 72.2865, 0.3429,
0.3235

Harmonies

Analogous

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



58.1208, 0.2961, 0.3515



58.1208, 0.2790, 0.3314



58.1208, 0.2709, 0.3114

Triad

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



58.1208, 0.2790, 0.3314



58.1208, 0.3062, 0.2959



58.1208, 0.3533, 0.3599

Complementary

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



58.1208, 0.2790, 0.3314



41.4520, 0.3599, 0.3267

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.



58.1208, 0.3565, 0.3441



58.1208, 0.2790, 0.3314



58.1208, 0.3288, 0.3079

Square

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



58.1208, 0.2790, 0.3314



58.1208, 0.2861, 0.2919



58.1208, 0.3474, 0.3253



58.1208, 0.3390, 0.3680

Rectangle

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



58.1208, 0.2790, 0.3314



58.1208, 0.2714, 0.3011



58.1208, 0.3474, 0.3253



58.1208, 0.3557, 0.3552

Sweetspot

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



58.1232, 0.2790, 0.3314



96.7249, 0.3022, 0.3297



56.3664, 0.3114, 0.3954



20.6458, 0.3013, 0.3297



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.



58.1232, 0.2790, 0.3314



88.3827, 0.2720, 0.3320



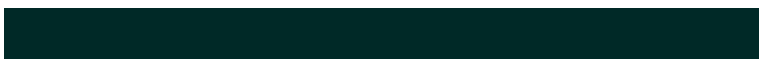
47.8809, 0.2754, 0.2997



13.3987, 0.2988, 0.3299



30.7120, 0.2280, 0.3408



1.7198, 0.2273, 0.3384

Inverse Universe

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



41.4520, 0.3599, 0.3267



57.7878, 0.3749, 0.3261



49.9018, 0.3556, 0.3566



11.8157, 0.3284, 0.3281



8.3724, 0.6354, 0.3274



0.4709, 0.6205, 0.3192

Previews

White Background



This preview shows how the Yxy color 58.1208, 0.2790, 0.3314 looks on a white background.

Color Contrast Check

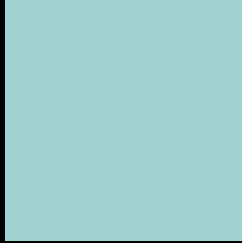
Large Text (above 18pt) WCAG AA × Fail

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 58.1208, 0.2790, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

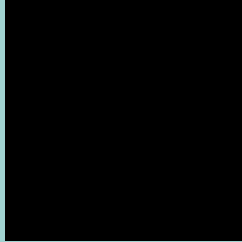
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

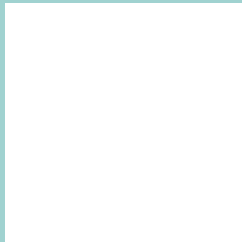
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1208, 0.2790, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 58.1208, 0.2790, 0.3314.

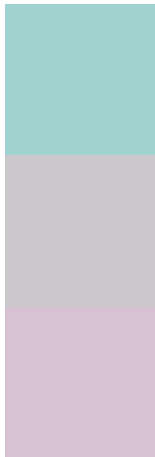


This preview shows how white text looks on a background with the Yxy color 58.1208, 0.2790, 0.3314.

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

58.1208, 0.2790, 0.3314

Protanopia

57.8076, 0.3137, 0.3255

Deuteranopia

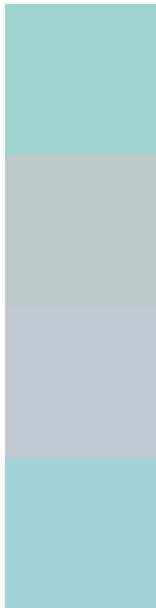
57.5829, 0.3160, 0.3096



Tritanopia

58.2801, 0.2712, 0.3092

Trichromacy



Original Color

58.1208, 0.2790, 0.3314

Protanomaly

57.6363, 0.3000, 0.3277

Deuteranomaly

57.4310, 0.3011, 0.3170

Tritanomaly

58.3443, 0.2742, 0.3177

Monochromacy



Original Color

58.1208, 0.2790, 0.3314

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4238, 0.2990, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1208, 0.2790, 0.3314 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, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(160, 210, 208)  
}
```

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, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 210, 208) }
```

Border

The CSS property to change the border of an element to Yxy 58.1208, 0.2790, 0.3314 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, 210, 208) }
```

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

```
.border{ border-color:rgb(160, 210, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(160, 210,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1208, 0.2790, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 210, 208) }
```

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

```
.background{ background-color: rgb(160,  
210, 208) }
```

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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