

Converting Colors

$Y_{xy}(70.1192, 0.2887, 0.3244)$

Have a look what the booklet for
Yxy(70.1192, 0.2887, 0.3244)
contains.

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Color

Yxy(70.1192, 0.2887, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	C0E0E4
RGB	192, 224, 228
RGB Percent	75%, 88%, 89%
CMY	0.2469, 0.1216, 0.1060
CMYK	0.16, 0.02, 0.00, 0.11
HSL	187°, 40%, 82%
HSV	187°, 16%, 89%
XYZ	62.4026, 70.1192, 83.6286
YIQ	214.8880, -20.3560, -5.5400

Conversions

Conversions Part 2

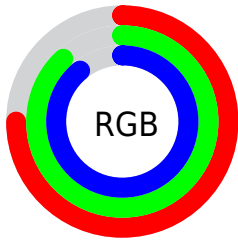
Format	Color
R_{YB}	192, 209, 228
Decimal	12640484
CIE _{Lab}	87.06, -9.64, -5.48
CIE _{LCh}	87, 11.084, 209.617
Y _{xy}	70.1192, 0.2887, 0.3244
Android (android.graphics.Color)	4290830564 (0xFFC0E0E4)
YUV	214.8880, 6.4642, -20.0728
Hunter-Lab	83.7372, -13.5184, -0.5971

Details

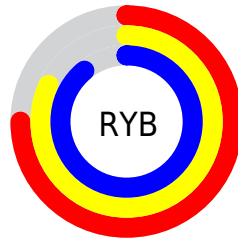
The Yxy color **70.1192, 0.2887, 0.3244** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.7897, 0.3417, 0.3336**, and the grayscale version is **67.8466, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **36.7963, 0.2827, 0.3229** is the 20% darker color. If you saturate the color by 10%, you get **66.0241, 0.2743, 0.3212**, and if you desaturate by 10%, it is **74.7013, 0.3038, 0.3274**.

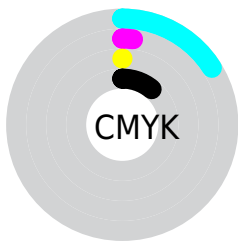
Distribution



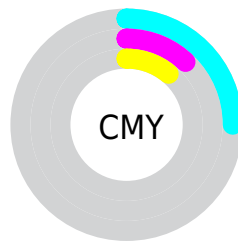
- Red (75%)
- Green (88%)
- Blue (89%)



- Red (75%)
- Yellow (82%)
- Blue (89%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (11%)



- Cyan (25%)
- Magenta (12%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.1192, 0.2887, 0.3244 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 70.1192, 0.2887, 0.3244 by changing the saturation by 10% instead.

70.1192, 0.2887,
0.3244

70.1192, 0.2887,
0.3244

460.9684, 0.2998,
0.3267

51.6237, 0.2862,
0.3239

119.3787, 0.2926,
0.3252

36.7052, 0.2830,
0.3232

150.9116, 0.2941,
0.3255

24.9793, 0.2790,
0.3223

187.5590, 0.2953,
0.3258

16.0617, 0.2738,
0.3211

229.7053, 0.2965,
0.3260

9.5678, 0.2667,
0.3193

277.7351, 0.2975,
0.3262

5.1134, 0.2565,
0.3167

332.0326, 0.2983,

2.3139, 0.2404,

0.3264

392.9822, 0.2991,
0.3265

0.3121

0.7811, 0.1991,
0.3066

0.0000, 0.0000,
0.0000

70.1192, 0.2887,
0.3244

70.1192, 0.2887,
0.3244

66.0241, 0.2743,
0.3212

74.7013, 0.3038,
0.3274

62.3860, 0.2610,
0.3177

79.7815, 0.3193,
0.3301

59.1850, 0.2490,
0.3141

84.3358, 0.3312,
0.3326

56.3960, 0.2386,
0.3103

85.7652, 0.3309,
0.3351

■ 53.9917, 0.2300,
0.3064

■ 87.2151, 0.3306,
0.3376

■ 51.9407, 0.2234,
0.3025

■ 88.6855, 0.3303,
0.3401

■ 50.2069, 0.2187,
0.2987

■ 90.1767, 0.3301,
0.3425

■ 48.7455, 0.2157,
0.2949

■ 91.6886, 0.3298,
0.3449

■ 48.1768, 0.2148,
0.2932

■ 93.2214, 0.3295,
0.3474

Harmonies

Analogous

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



70.1192, 0.2968, 0.3369



70.1192, 0.2887, 0.3244



70.1192, 0.2869, 0.3136

Triad

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



70.1192, 0.2887, 0.3244



70.1192, 0.3158, 0.3117



70.1192, 0.3338, 0.3511

Complementary

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



70.1192, 0.2887, 0.3244



59.7897, 0.3417, 0.3336

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.



70.1192, 0.3392, 0.3437



70.1192, 0.2887, 0.3244



70.1192, 0.3287, 0.3212

Square

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



70.1192, 0.2887, 0.3244



70.1192, 0.3023, 0.3066



70.1192, 0.3373, 0.3328



70.1192, 0.3228, 0.3525

Rectangle

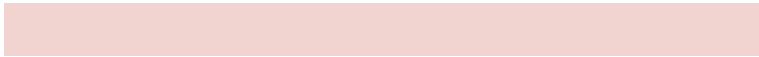
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1192, 0.2887, 0.3244



70.1192, 0.2895, 0.3087



70.1192, 0.3373, 0.3328



70.1192, 0.3364, 0.3492

Sweetspot

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



70.1221, 0.2887, 0.3244



96.7632, 0.3049, 0.3276



70.6568, 0.3085, 0.3669



20.6168, 0.3038, 0.3274



0.0000, 0.0000, 0.0000



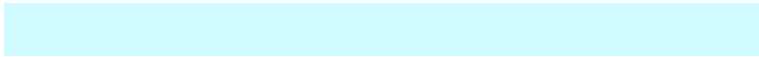
21.4041, 0.3127, 0.3290

Same Dimension

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



70.1221, 0.2887, 0.3244



88.5623, 0.2838, 0.3233



61.1562, 0.2879, 0.3039



16.0492, 0.2982, 0.3263



27.9335, 0.2150, 0.2938



2.1424, 0.2165, 0.2994

Inverse Universe

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



59.5903, 0.3175, 0.2942



72.5469, 0.3186, 0.2867



68.1918, 0.3387, 0.3529



14.5863, 0.3155, 0.3084



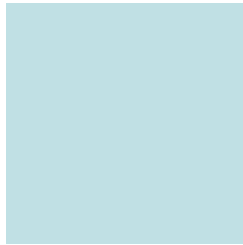
12.0176, 0.3509, 0.1707



0.8960, 0.3459, 0.1679

Previews

White Background



This preview shows how the Yxy color 70.1192, 0.2887, 0.3244 looks on a white background.

Color Contrast Check

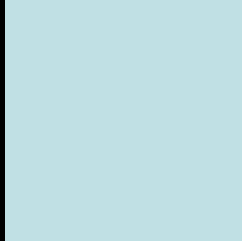
Large Text (above 18pt) WCAG AA × Fail

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 70.1192, 0.2887, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

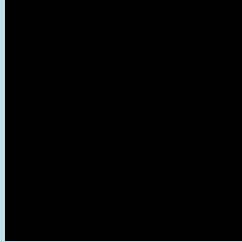
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

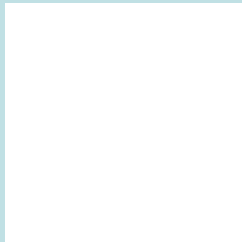
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.1192, 0.2887, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 70.1192, 0.2887, 0.3244.

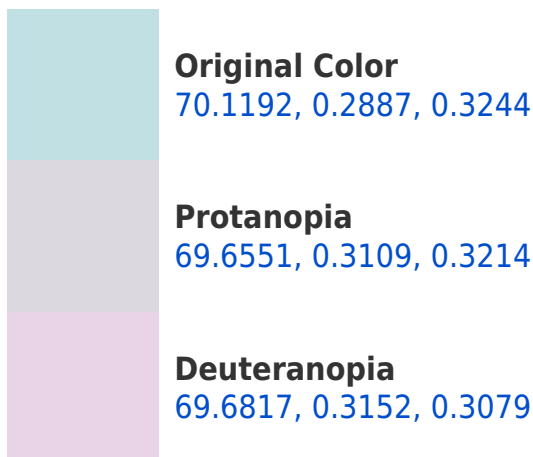


This preview shows how white text looks on a background with the Yxy color 70.1192, 0.2887, 0.3244.

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

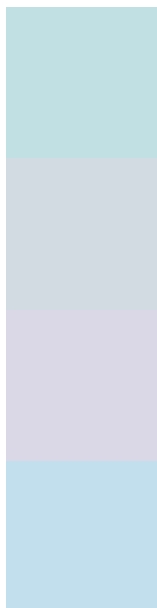




Tritanopia

70.0032, 0.2828, 0.3088

Trichromacy



Original Color

70.1192, 0.2887, 0.3244

Protanomaly

69.8009, 0.3025, 0.3223

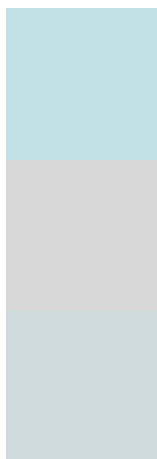
Deuteranomaly

69.7303, 0.3049, 0.3138

Tritanomaly

70.1689, 0.2845, 0.3143

Monochromacy



Original Color

70.1192, 0.2887, 0.3244

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.5755, 0.3036, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1192, 0.2887, 0.3244 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(192, 224, 228)` looks like.

```
.text, #text, p{  
    color:rgb(192, 224, 228)  
}
```

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(192, 224, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 224, 228) }
```

Border

The CSS property to change the border of an element to Yxy 70.1192, 0.2887, 0.3244 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(192, 224, 228) }
```

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

```
.border{ border-color:rgb(192, 224, 228) }
```

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

Here you see how a box with a 4 pixel rgb(192, 224, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 224, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 224, 228);  
box-shadow:4px 4px 4px 4px rgb(192, 224,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1192, 0.2887, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 224, 228) }
```

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

```
.background{ background-color: rgb(192,  
224, 228) }
```

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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