

Converting Colors

$Y_{xy}(57.3091, 0.2728, 0.3091)$

Have a look what the booklet for
Yxy(57.3091, 0.2728, 0.3091)
contains.

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Color

Yxy(57.3091, 0.2728, 0.3091)

Conversions

Conversions Part 1

Format	Color
Hex	A4CEDE
RGB	164, 206, 222
RGB Percent	64%, 81%, 87%
CMY	0.3566, 0.1922, 0.1293
CMYK	0.26, 0.07, 0.00, 0.13
HSL	197°, 47%, 76%
HSV	197°, 26%, 87%
XYZ	50.5788, 57.3091, 77.5184
YIQ	195.2660, -30.1680, -3.9280

Conversions

Conversions Part 2

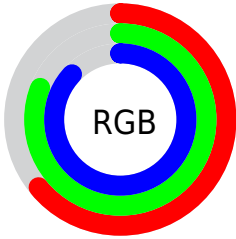
Format	Color
RYB	164, 188, 222
Decimal	10800862
CIELab	80.35, -10.14, -12.46
CIELCh	80, 16.061, 230.869
Yxy	57.3091, 0.2728, 0.3091
Android (android.graphics.Color)	4288990942 (0xFFA4CEDE)
YUV	195.2660, 13.1799, -27.4203
Hunter-Lab	75.7028, -13.2197, -7.7200

Details

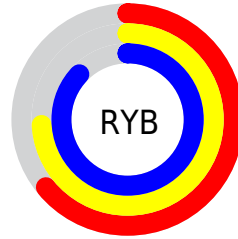
The Yxy color **57.3091, 0.2728, 0.3091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.9023, 0.3636, 0.3480**, and the grayscale version is **54.6828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **28.6260, 0.2629, 0.3040** is the 20% darker color. If you saturate the color by 10%, you get **52.2501, 0.2582, 0.3002**, and if you desaturate by 10%, it is **62.9008, 0.2879, 0.3173**.

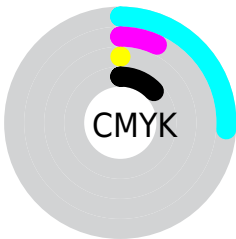
Distribution



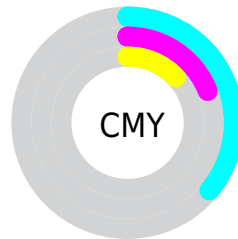
- Red (64%)
- Green (81%)
- Blue (87%)



- Red (64%)
- Yellow (74%)
- Blue (87%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)





- Cyan (36%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3091, 0.2728, 0.3091 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 57.3091, 0.2728, 0.3091 by changing the saturation by 10% instead.


 57.3091, 0.2728,
0.3091


 57.3091, 0.2728,
0.3091


414.6065, 0.2918,
0.3189

 41.2535, 0.2683,
0.3067


 100.9161, 0.2795,
0.3126

 28.5172, 0.2627,
0.3036


 129.2362, 0.2821,
0.3140

 18.7159, 0.2556,
0.2996


162.4132, 0.2843,
0.3151

 11.4652, 0.2460,
0.2941

200.8316, 0.2862,
0.3161

 6.3806, 0.2327,
0.2862

244.8758, 0.2879,
0.3169

 3.0779, 0.2129,
0.2737

294.9300, 0.2893,

 1.1725, 0.1808,

0.3177

0.2518

351.3788, 0.2906,
0.3184

0.0391, 0.0000,
0.0410

0.0000, 0.0000,
0.0000

57.3091, 0.2728,
0.3091

57.3091, 0.2728,
0.3091

52.2501, 0.2582,
0.3002

62.9008, 0.2879,
0.3173

47.6941, 0.2446,
0.2908

69.0394, 0.3033,
0.3248

43.6187, 0.2321,
0.2808

75.7470, 0.3187,
0.3316

39.9968, 0.2213,
0.2706

83.0424, 0.3338,
0.3376

■ 36.7977, 0.2123,
0.2601

■ 86.9333, 0.3345,
0.3436

■ 33.9861, 0.2054,
0.2496

■ 90.5464, 0.3337,
0.3496

■ 31.5181, 0.2003,
0.2393

■ 94.2826, 0.3329,
0.3554

■ 30.6198, 0.1987,
0.2353

■ 98.0552, 0.3321,
0.3611

Harmonies

Analogous

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



57.3091, 0.2785, 0.3272



57.3091, 0.2728, 0.3091



57.3091, 0.2773, 0.2972

Triad

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



57.3091, 0.2728, 0.3091



57.3091, 0.3320, 0.3122



57.3091, 0.3338, 0.3661

Complementary

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



57.3091, 0.2728, 0.3091



50.9023, 0.3636, 0.3480

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.



57.3091, 0.3490, 0.3605



57.3091, 0.2728, 0.3091



57.3091, 0.3481, 0.3292

Square

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



57.3091, 0.2728, 0.3091



57.3091, 0.3110, 0.2995



57.3091, 0.3543, 0.3468



57.3091, 0.3133, 0.3612

Rectangle

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



57.3091, 0.2728, 0.3091



57.3091, 0.2856, 0.2941



57.3091, 0.3543, 0.3468



57.3091, 0.3397, 0.3654

Sweetspot

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



57.3114, 0.2728, 0.3091



92.7851, 0.3003, 0.3234



63.4308, 0.2997, 0.3830



19.5815, 0.2980, 0.3223



0.0000, 0.0000, 0.0000



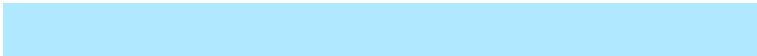
21.4041, 0.3127, 0.3290

Same Dimension

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



57.3114, 0.2728, 0.3091



74.7930, 0.2652, 0.3046



44.8546, 0.2694, 0.2724



14.8975, 0.2982, 0.3224



18.3788, 0.1991, 0.2368



1.4217, 0.2035, 0.2527

Inverse Universe

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



46.5653, 0.3294, 0.2812



58.1814, 0.3335, 0.2715



63.5726, 0.3556, 0.3798



13.8675, 0.3180, 0.3122



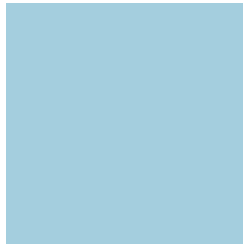
10.7634, 0.4056, 0.2008



0.7610, 0.3896, 0.1920

Previews

White Background



This preview shows how the Yxy color 57.3091, 0.2728, 0.3091 looks on a white background.

Color Contrast Check

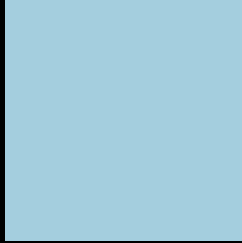
Large Text (above 18pt) WCAG AA × Fail

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 57.3091, 0.2728, 0.3091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

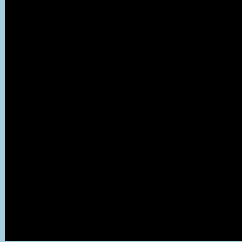
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3091, 0.2728, 0.3091

Background



This preview shows how black text looks on a background with the Yxy color 57.3091, 0.2728, 0.3091.



This preview shows how white text looks on a background with the Yxy color 57.3091, 0.2728, 0.3091.

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

57.3091, 0.2728, 0.3091

Protanopia

56.8126, 0.2985, 0.3054

Deuteranopia

57.1416, 0.2997, 0.2935



Tritanopia

57.3091, 0.2728, 0.3091

Trichromacy



Original Color

57.3091, 0.2728, 0.3091

Protanomaly

56.7373, 0.2884, 0.3061

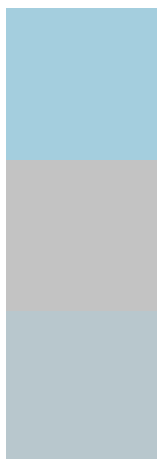
Deuteranomaly

56.8464, 0.2893, 0.2983

Tritanomaly

57.3091, 0.2728, 0.3091

Monochromacy



Original Color

57.3091, 0.2728, 0.3091

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.4450, 0.2970, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3091, 0.2728, 0.3091 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(164, 206, 222)` looks like.

```
.text, #text, p{  
    color:rgb(164, 206, 222)  
}
```

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(164, 206, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 206, 222) }
```

Border

The CSS property to change the border of an element to Yxy 57.3091, 0.2728, 0.3091 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(164, 206, 222) }
```

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

```
.border{ border-color:rgb(164, 206, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 206, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 206, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 206, 222); box-shadow:4px 4px 4px 4px rgb(164, 206, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3091, 0.2728, 0.3091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 206, 222) }
```

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

```
.background{ background-color: rgb(164,  
206, 222) }
```

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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