

Converting Colors

$Yxy(57.0691, 0.2900, 0.3289)$

Have a look what the booklet for
Yxy(57.0691, 0.2900, 0.3289)
contains.

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Color

Yxy(57.0691, 0.2900, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	AECD CD
RGB	174, 205, 205
RGB Percent	68%, 80%, 80%
CMY	0.3174, 0.1961, 0.1960
CMYK	0.15, 0.00, 0.00, 0.20
HSL	180°, 24%, 74%
HSV	180°, 15%, 80%
XYZ	50.3194, 57.0691, 66.1266
YIQ	195.7310, -18.4760, -6.5720

Conversions

Conversions Part 2

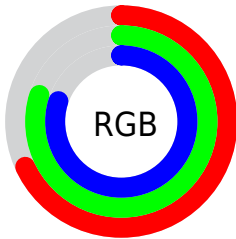
Format	Color
RYB	174, 190, 205
Decimal	11455949
CIELab	80.22, -10.25, -3.48
CIELCh	80, 10.823, 198.732
Yxy	57.0691, 0.2900, 0.3289
Android (android.graphics.Color)	4289646029 (0xFFFAECD CD)
YUV	195.7310, 4.5696, -19.0581
Hunter-Lab	75.5441, -13.3046, 0.9821

Details

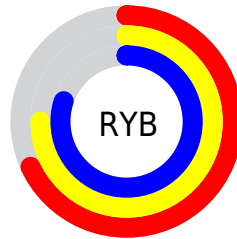
The Yxy color **57.0691, 0.2900, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.3504, 0.3407, 0.3291**, and the grayscale version is **55.0218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **28.4325, 0.2839, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **54.8847, 0.2761, 0.3288**, and if you desaturate by 10%, it is **59.6177, 0.3049, 0.3290**.

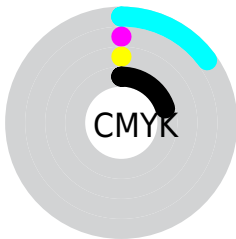
Distribution



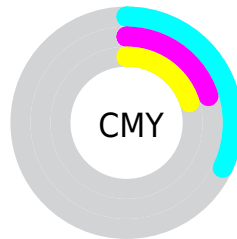
- Red (68%)
- Green (80%)
- Blue (80%)



- Red (68%)
- Yellow (75%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (32%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0691, 0.2900, 0.3289 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 57.0691, 0.2900, 0.3289 by changing the saturation by 10% instead.

 57.0691, 0.2900,
0.3289

 57.0691, 0.2900,
0.3289


413.7082, 0.3009,
0.3290

 41.0607, 0.2874,
0.3288


 100.5660, 0.2939,
0.3290

 28.3665, 0.2841,
0.3288


128.8233, 0.2954,
0.3290

 18.6021, 0.2799,
0.3286


161.9324, 0.2966,
0.3290

 11.3832, 0.2742,
0.3284

200.2777, 0.2977,
0.3290

 6.3252, 0.2661,
0.3280

244.2435, 0.2987,
0.3290

 3.0438, 0.2537,
0.3272

294.2142, 0.2995,

 1.1546, 0.2324,

0.3290

0.3253

350.5743, 0.3003,
0.3290

0.0242, 0.0000,
0.0824

0.0000, 0.0000,
0.0000

57.0691, 0.2900,
0.3289

57.0691, 0.2900,
0.3289

54.8847, 0.2761,
0.3288

59.6177, 0.3049,
0.3290

53.0410, 0.2636,
0.3288

62.5385, 0.3204,
0.3290


51.5231, 0.2526,
0.3287

65.8483, 0.3364,
0.3291


50.3119, 0.2434,
0.3287

69.3553, 0.3517,
0.3292

 49.3864, 0.2360,
0.3286

 69.3631, 0.3517,
0.3292


 48.7229, 0.2306,
0.3286


 69.3709, 0.3517,
0.3292


 48.2942, 0.2270,
0.3285

 69.3787, 0.3517,
0.3292

 48.0667, 0.2252,
0.3285

 69.3865, 0.3517,
0.3292

 47.9979, 0.2246,
0.3285

 69.3943, 0.3517,
0.3292

Harmonies

Analogous

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



57.0691, 0.3004, 0.3416



57.0691, 0.2900, 0.3289



57.0691, 0.2856, 0.3165

Triad

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



57.0691, 0.2900, 0.3289



57.0691, 0.3107, 0.3084



57.0691, 0.3377, 0.3499

Complementary

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



57.0691, 0.2900, 0.3289



46.3504, 0.3407, 0.3291

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.



57.0691, 0.3406, 0.3405



57.0691, 0.2900, 0.3289



57.0691, 0.3248, 0.3168

Square

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



57.0691, 0.2900, 0.3289



57.0691, 0.2973, 0.3051



57.0691, 0.3359, 0.3285



57.0691, 0.3279, 0.3539

Rectangle

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



57.0691, 0.2900, 0.3289



57.0691, 0.2866, 0.3102



57.0691, 0.3359, 0.3285



57.0691, 0.3395, 0.3472

Sweetspot

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



57.0715, 0.2900, 0.3289



97.6550, 0.3049, 0.3290



55.7339, 0.3108, 0.3690



20.8344, 0.3038, 0.3290



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.



57.0715, 0.2900, 0.3289



92.2866, 0.2855, 0.3289



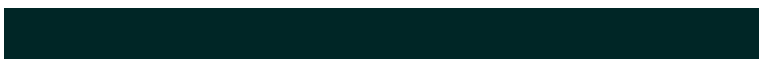
50.0449, 0.2893, 0.3093



12.7255, 0.2984, 0.3289



29.8778, 0.2246, 0.3285



1.5419, 0.2246, 0.3286

Inverse Universe

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



47.6890, 0.3145, 0.2921



74.1277, 0.3148, 0.2842



52.6688, 0.3379, 0.3480



11.4036, 0.3138, 0.3062



10.8192, 0.3211, 0.1543



0.5582, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 57.0691, 0.2900, 0.3289 looks on a white background.

Color Contrast Check

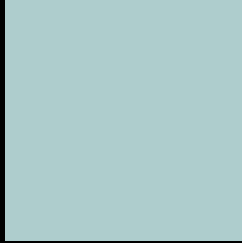
Large Text (above 18pt) WCAG AA × Fail

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 57.0691, 0.2900, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

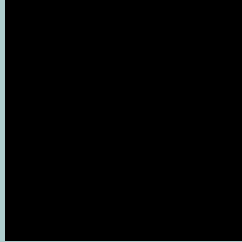
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

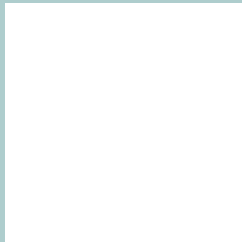
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0691, 0.2900, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 57.0691, 0.2900, 0.3289.



This preview shows how white text looks on a background with the Yxy color 57.0691, 0.2900, 0.3289.

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

57.0691, 0.2900, 0.3289

Protanopia

57.0227, 0.3129, 0.3254

Deuteranopia

56.9901, 0.3183, 0.3118



Tritanopia

57.1735, 0.2829, 0.3095

Trichromacy



Original Color

57.0691, 0.2900, 0.3289

Protanomaly

57.1139, 0.3043, 0.3278

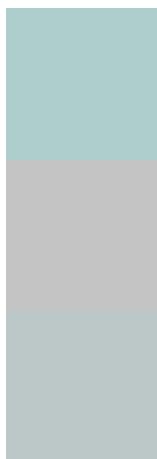
Deuteranomaly

56.5796, 0.3070, 0.3171

Tritanomaly

57.2709, 0.2855, 0.3167

Monochromacy



Original Color

57.0691, 0.2900, 0.3289

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.6617, 0.3042, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0691, 0.2900, 0.3289 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(174, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(174, 205, 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(174, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 205, 205) }
```

Border

The CSS property to change the border of an element to Yxy 57.0691, 0.2900, 0.3289 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(174, 205, 205) }
```

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

```
.border{ border-color:rgb(174, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(174, 205,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0691, 0.2900, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 205, 205) }
```

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

```
.background{ background-color: rgb(174,  
205, 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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