

Converting Colors

$Yxy(72.7987, 0.2991, 0.3286)$

Have a look what the booklet for
Yxy(72.7987, 0.2991, 0.3286)
contains.

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Color

Yxy(73.0055, 0.2991, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	CEE2E2
RGB	206, 226, 226
RGB Percent	81%, 89%, 89%
CMY	0.1922, 0.1137, 0.1138
CMYK	0.09, 0.00, 0.00, 0.11
HSL	180°, 26%, 85%
HSV	180°, 9%, 89%
XYZ	66.3707, 73.0055, 82.5251
YIQ	220.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

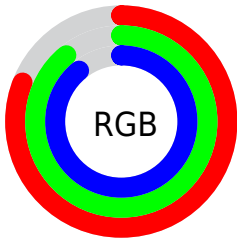
Format	Color
R _Y B	206, 216, 226
Decimal	13558498
CIE Lab	88.45, -6.63, -2.26
CIE LCh	88, 7.002, 198.856
Yxy	73.0055, 0.2991, 0.3290
Android (android.graphics.Color)	4291748578 (0xFFCEE2E2)
YUV	220.0200, 2.9481, -12.2955
Hunter-Lab	85.4433, -10.8704, 2.5452

Details

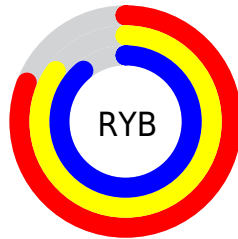
The Yxy color $73.0055, 0.2991, 0.3290$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $64.7629, 0.3281, 0.3290$, and the grayscale version is $71.5691, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.7415, 0.2960, 0.3290$ is the 20% darker color. If you saturate the color by 10%, you get $70.0010, 0.2845, 0.3290$, and if you desaturate by 10%, it is $76.4813, 0.3145, 0.3290$.

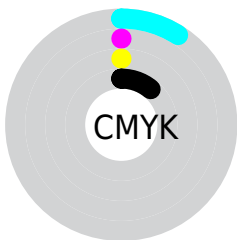
Distribution



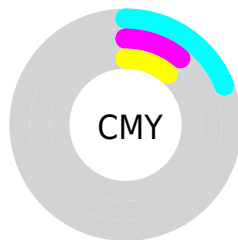
- Red (81%)
- Green (89%)
- Blue (89%)



- Red (81%)
- Yellow (85%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0055, 0.2991, 0.3290 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 73.0055, 0.2991, 0.3290 by changing the saturation by 10% instead.

■ 73.0055, 0.2991,
0.3290

■ 73.0055, 0.2991,
0.3290

471.0339, 0.3054,
0.3290

■ 53.9805, 0.2977,
0.3290

123.4850, 0.3013,
0.3290

■ 38.5860, 0.2959,
0.3290

155.7083, 0.3021,
0.3290

■ 26.4378, 0.2937,
0.3289

193.0998, 0.3029,
0.3290

■ 17.1515, 0.2907,
0.3289

236.0438, 0.3035,
0.3290

■ 10.3426, 0.2868,
0.3288

284.9249, 0.3041,
0.3290

■ 5.6267, 0.2810,
0.3286

340.1273, 0.3045,

■ 2.6194, 0.2720,

0.3290

402.0355, 0.3050,
0.3290

0.3282

0.9364, 0.2546,
0.3278

0.0000, 0.0000,
0.0000

73.0055, 0.2991,
0.3290

73.0055, 0.2991,
0.3290

70.0010, 0.2845,
0.3290

76.4813, 0.3145,
0.3290

67.4387, 0.2711,
0.3290


80.4377, 0.3304,
0.3290


65.3006, 0.2591,
0.3291


81.1562, 0.3331,
0.3290

63.5638, 0.2487,
0.3291


81.1586, 0.3331,
0.3289


 62.2032, 0.2402,
0.3291


 81.1610, 0.3331,
0.3289


 61.1909, 0.2337,
0.3292


 81.1634, 0.3330,
0.3288


 60.4953, 0.2291,
0.3292

 81.1658, 0.3330,
0.3288

 60.0789, 0.2262,
0.3293

 81.1682, 0.3330,
0.3288

 59.8843, 0.2249,
0.3293

 81.1706, 0.3329,
0.3287

Harmonies

Analogous

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



73.0055, 0.3054, 0.3365



73.0055, 0.2991, 0.3290



73.0055, 0.2964, 0.3217

Triad

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



73.0055, 0.2991, 0.3290



73.0055, 0.3116, 0.3166



73.0055, 0.3276, 0.3415

Complementary

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



73.0055, 0.2991, 0.3290



64.7629, 0.3281, 0.3290

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.



73.0055, 0.3293, 0.3360



73.0055, 0.2991, 0.3290



73.0055, 0.3200, 0.3217

Square

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



73.0055, 0.2991, 0.3290



73.0055, 0.3036, 0.3146



73.0055, 0.3265, 0.3288



73.0055, 0.3218, 0.3437

Rectangle

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



73.0055, 0.2991, 0.3290



73.0055, 0.2970, 0.3178



73.0055, 0.3265, 0.3288



73.0055, 0.3286, 0.3400

Sweetspot

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



73.0086, 0.2991, 0.3290



98.5769, 0.3080, 0.3290



72.0223, 0.3119, 0.3516



21.0202, 0.3068, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

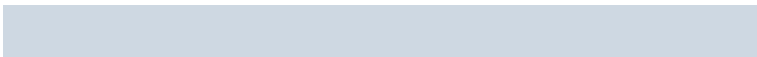
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.0086, 0.2991, 0.3290



95.0593, 0.2958, 0.3290



67.8931, 0.2990, 0.3181



15.5719, 0.2982, 0.3290



34.1503, 0.2248, 0.3293



2.3673, 0.2248, 0.3292

Inverse Universe

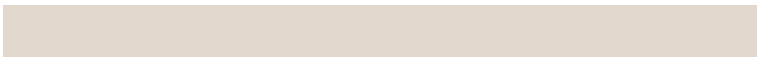
The Inverse Universe completely reimagines the original color for something new.



64.7629, 0.3281, 0.3290



81.7171, 0.3324, 0.3290



69.5661, 0.3270, 0.3396



13.7010, 0.3292, 0.3290



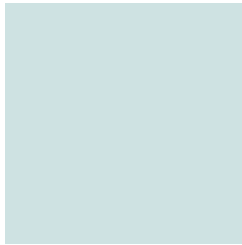
9.2250, 0.6399, 0.3299



0.6396, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 73.0055, 0.2991, 0.3290 looks on a white background.

Color Contrast Check

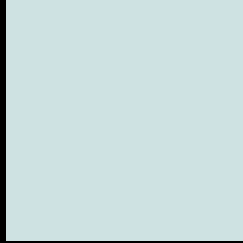
Large Text (above 18pt) WCAG AA × Fail

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 73.0055, 0.2991, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

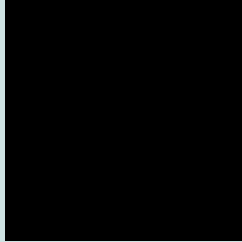
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

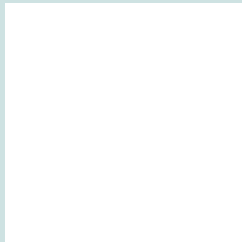
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0055, 0.2991, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 73.0055, 0.2991, 0.3290.

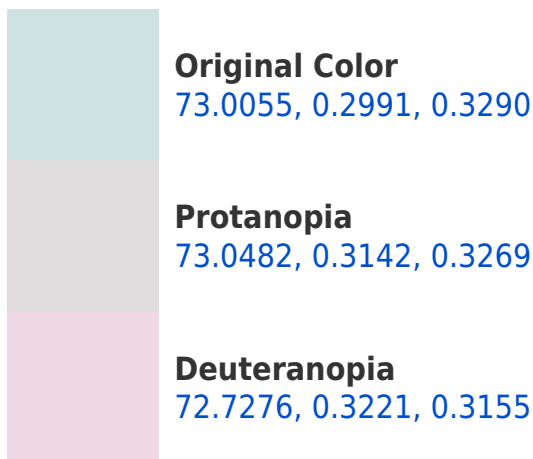


This preview shows how white text looks on a background with the Yxy color 73.0055, 0.2991, 0.3290.

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

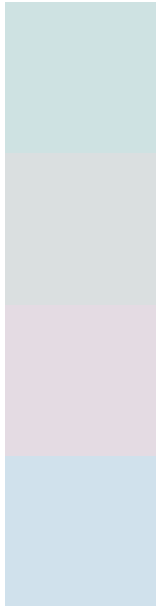




Tritanopia

73.2175, 0.2919, 0.3105

Trichromacy



Original Color

73.0055, 0.2991, 0.3290

Protanomaly

73.0626, 0.3086, 0.3279

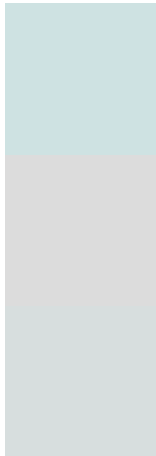
Deuteranomaly

72.7031, 0.3138, 0.3205

Tritanomaly

73.3165, 0.2943, 0.3170

Monochromacy



Original Color

73.0055, 0.2991, 0.3290

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.9636, 0.3078, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0055, 0.2991, 0.3290 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(206, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(206, 226, 226)  
}
```

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(206, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 226, 226) }
```

Border

The CSS property to change the border of an element to Yxy 73.0055, 0.2991, 0.3290 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(206, 226, 226) }
```

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

```
.border{ border-color:rgb(206, 226, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 226, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 226, 226); box-shadow:4px 4px 4px 4px rgb(206, 226, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0055, 0.2991, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 226, 226) }
```

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

```
.background{ background-color: rgb(206,  
226, 226) }
```

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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