

Converting Colors

$Yxy(71.6409, 0.2934, 0.3291)$

Have a look what the booklet for
Yxy(71.6409, 0.2934, 0.3291)
contains.

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Color

Yxy(71.7540, 0.2932, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	C5E2E2
RGB	197, 226, 226
RGB Percent	77%, 89%, 89%
CMY	0.2272, 0.1138, 0.1136
CMYK	0.13, 0.00, 0.00, 0.11
HSL	180°, 33%, 83%
HSV	180°, 13%, 89%
XYZ	63.9656, 71.7540, 82.4440
YIQ	217.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

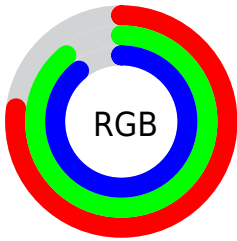
Format	Color
RYB	197, 212, 226
Decimal	12968674
CIELab	87.85, -9.46, -3.24
CIElCh	88, 10.002, 198.891
Yxy	71.7540, 0.2932, 0.3289
Android (android.graphics.Color)	4291158754 (0xFFC5E2E2)
YUV	217.3290, 4.2748, -17.8285
Hunter-Lab	84.7077, -13.4474, 1.5899

Details

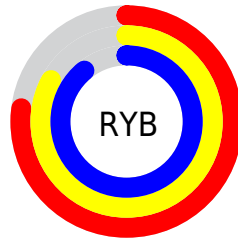
The Yxy color **71.7540, 0.2932, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.1882, 0.3360, 0.3291**, and the grayscale version is **69.6147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **37.9057, 0.2885, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **68.9146, 0.2790, 0.3288**, and if you desaturate by 10%, it is **75.0569, 0.3083, 0.3290**.

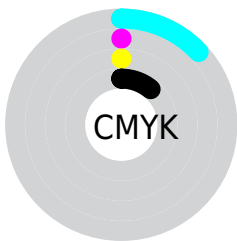
Distribution



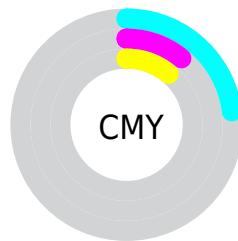
- Red (77%)
- Green (89%)
- Blue (89%)



- Red (77%)
- Yellow (83%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (23%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7540, 0.2932, 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 71.7540, 0.2932, 0.3289 by changing the saturation by 10% instead.

71.7540, 0.2932,
0.3289

71.7540, 0.2932,
0.3289

466.6849, 0.3022,
0.3290

52.9577, 0.2911,
0.3289

121.7067, 0.2963,
0.3290

37.7690, 0.2886,
0.3288

153.6320, 0.2975,
0.3290

25.8035, 0.2854,
0.3287

190.7024, 0.2986,
0.3290

16.6767, 0.2812,
0.3286

233.3022, 0.2995,
0.3290

10.0042, 0.2754,
0.3283

281.8161, 0.3003,
0.3290

5.4018, 0.2672,
0.3279

336.6282, 0.3010,

2.4849, 0.2542,

0.3290

398.1230, 0.3017,
0.3290

0.3271

0.8690, 0.2244,
0.3277

0.0000, 0.0000,
0.0000

71.7540, 0.2932,
0.3289

71.7540, 0.2932,
0.3289

68.9146, 0.2790,
0.3288

75.0569, 0.3083,
0.3290

66.5094, 0.2661,
0.3288

78.8333, 0.3241,
0.3291

64.5196, 0.2547,
0.3287


81.1822, 0.3332,
0.3291


62.9215, 0.2450,
0.3286


81.1973, 0.3332,
0.3291

 61.6891, 0.2373,
0.3286


 81.2124, 0.3332,
0.3292

 60.7931, 0.2314,
0.3285

 81.2275, 0.3332,
0.3292

 60.1998, 0.2275,
0.3284

 81.2427, 0.3332,
0.3292

 59.8686, 0.2253,
0.3284

 81.2578, 0.3332,
0.3292

 59.7454, 0.2246,
0.3284

 81.2729, 0.3332,
0.3293

Harmonies

Analogous

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



71.7540, 0.3021, 0.3397



71.7540, 0.2932, 0.3289



71.7540, 0.2894, 0.3183

Triad

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



71.7540, 0.2932, 0.3289



71.7540, 0.3111, 0.3113



71.7540, 0.3340, 0.3470

Complementary

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



71.7540, 0.2932, 0.3289



60.1882, 0.3360, 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.



71.7540, 0.3366, 0.3390



71.7540, 0.2932, 0.3289



71.7540, 0.3232, 0.3186

Square

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



71.7540, 0.2932, 0.3289



71.7540, 0.2996, 0.3085



71.7540, 0.3326, 0.3286



71.7540, 0.3257, 0.3502

Rectangle

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



71.7540, 0.2932, 0.3289



71.7540, 0.2903, 0.3129



71.7540, 0.3326, 0.3286



71.7540, 0.3356, 0.3447

Sweetspot

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



71.7570, 0.2932, 0.3289



98.1085, 0.3065, 0.3290



70.3187, 0.3111, 0.3626



20.9256, 0.3053, 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.



71.7570, 0.2932, 0.3289



93.4235, 0.2899, 0.3289



64.2328, 0.2928, 0.3124



15.5693, 0.2982, 0.3289



34.0790, 0.2246, 0.3284



2.3631, 0.2246, 0.3284

Inverse Universe

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



61.6277, 0.3142, 0.2976



77.9739, 0.3145, 0.2918



67.0673, 0.3339, 0.3451



13.9354, 0.3138, 0.3059



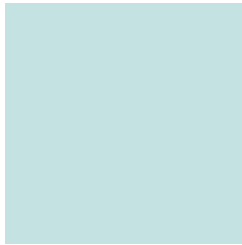
12.3483, 0.3212, 0.1543



0.8560, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 71.7540, 0.2932, 0.3289 looks on a white background.

Color Contrast Check

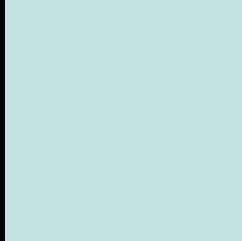
Large Text (above 18pt) WCAG AA × Fail

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 71.7540, 0.2932, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

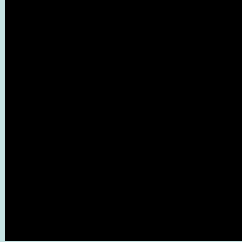
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

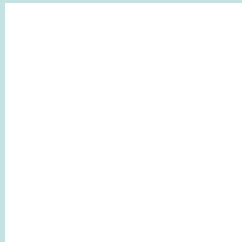
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7540, 0.2932, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 71.7540, 0.2932, 0.3289.

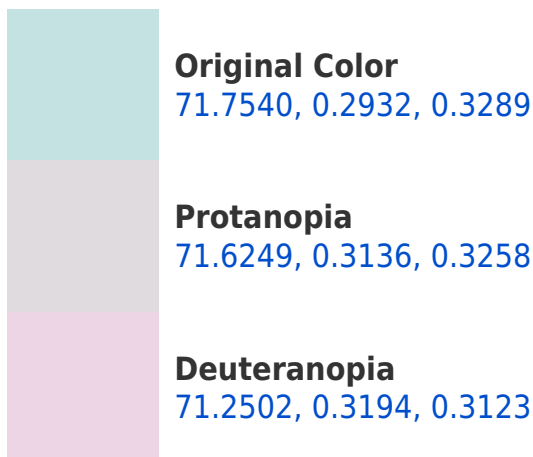


This preview shows how white text looks on a background with the Yxy color 71.7540, 0.2932, 0.3289.

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





Tritanopia

71.9415, 0.2861, 0.3102

Trichromacy



Original Color

71.7540, 0.2932, 0.3289

Protanomaly

71.8664, 0.3065, 0.3279

Deuteranomaly

71.2738, 0.3089, 0.3182

Tritanomaly

72.0487, 0.2885, 0.3167

Monochromacy



Original Color

71.7540, 0.2932, 0.3289

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.0553, 0.3057, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7540, 0.2932, 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(197, 226, 226)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 226, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 226, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.7540, 0.2932, 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(197, 226, 226) }
```

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

```
.border{ border-color:rgb(197, 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(197, 226, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 226, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 226, 226);  
box-shadow:4px 4px 4px 4px rgb(197, 226,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7540, 0.2932, 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(197, 226, 226) }
```

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

```
.background{ background-color: rgb(197,  
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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