

Converting Colors

$Yxy(80.4688, 0.2296, 0.3339)$

Have a look what the booklet for
Yxy(80.4688, 0.2296, 0.3339)
contains.

Yxy(79.2900, 0.2289, 0.3311)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.2900, 0.2289, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	32FFFD
RGB	50, 255, 253
RGB Percent	20%, 100%, 99%
CMY	0.8031, 0.0000, 0.0077
CMYK	0.80, 0.00, 0.01, 0.00
HSL	179°, 100%, 60%
HSV	179°, 80%, 100%
XYZ	54.8157, 79.2900, 105.3688
YIQ	193.4770, -121.5380, -44.0820

Conversions

Conversions Part 2

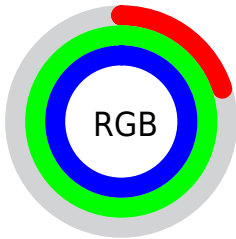
Format	Color
RYB	50, 153, 255
Decimal	3342333
CIELab	91.37, -46.59, -12.71
CIELCh	91, 48.294, 195.261
Yxy	79.2900, 0.2289, 0.3311
Android (android.graphics.Color)	4281532413 (0xFF32FFFD)
YUV	193.4770, 29.3448, -125.8293
Hunter-Lab	89.0449, -45.9447, -7.8277

Details

The Yxy color **79.2900, 0.2289, 0.3311** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **23.8071, 0.5939, 0.3288**, and the grayscale version is **53.5390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8083, 0.2497, 0.3288**, and **43.9180, 0.2251, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **78.7970, 0.2265, 0.3314**, and if you desaturate by 10%, it is **80.1497, 0.2331, 0.3308**.

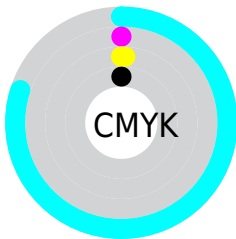
Distribution



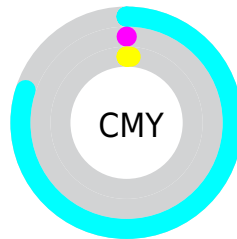
- Red (20%)
- Green (100%)
- Blue (99%)



- Red (20%)
- Yellow (60%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2900, 0.2289, 0.3311 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 79.2900, 0.2289, 0.3311 by changing the saturation by 10% instead.

 79.2900, 0.2289,
0.3311

 79.2900, 0.2289,
0.3311

492.5369, 0.2660,
0.3313

 59.1343, 0.2209,
0.3308


 132.3670, 0.2414,
0.3314

 42.7212, 0.2112,
0.3303


 166.0572, 0.2464,
0.3315

 29.6664, 0.1993,
0.3294


 205.0275, 0.2507,
0.3315

 19.5855, 0.1844,
0.3279

 249.6625, 0.2545,
0.3315

 12.0941, 0.1653,
0.3254

300.3466, 0.2578,
0.3314

 6.8078, 0.1402,
0.3208

357.4640, 0.2608,

 3.3422, 0.1063,

0.3314

421.3993, 0.2635,
0.3314

0.3115

1.3129, 0.0136,
0.3056

0.1512, 0.0000,
0.1252

79.2900, 0.2289,
0.3311

79.2900, 0.2289,
0.3311

78.7970, 0.2265,
0.3314


80.1497, 0.2331,
0.3308


78.5790, 0.2255,
0.3317


81.4193, 0.2393,
0.3305

83.1458, 0.2475,
0.3302

85.3671, 0.2575,
0.3299

 88.1176, 0.2693,
0.3297

 91.4283, 0.2825,
0.3294

 95.3281, 0.2969,
0.3292

99.8436, 0.3122,
0.3290

99.9957, 0.3127,
0.3290

Harmonies

Analogous

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



79.2900, 0.2681, 0.3881



79.2900, 0.2289, 0.3311



79.2900, 0.2118, 0.2802

Triad

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



79.2900, 0.2289, 0.3311



79.2900, 0.2957, 0.2510



79.2900, 0.4140, 0.4027

Complementary

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



79.2900, 0.2289, 0.3311



23.8071, 0.5939, 0.3288

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.



79.2900, 0.4253, 0.3617



79.2900, 0.2289, 0.3311



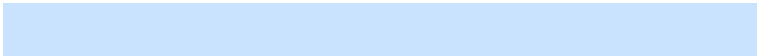
79.2900, 0.3534, 0.2787

Square

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



79.2900, 0.2289, 0.3311



79.2900, 0.2475, 0.2400



79.2900, 0.4027, 0.3178



79.2900, 0.3751, 0.4291

Rectangle

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



79.2900, 0.2289, 0.3311



79.2900, 0.2136, 0.2569



79.2900, 0.4027, 0.3178



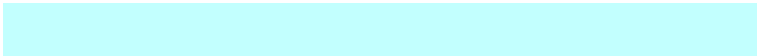
79.2900, 0.4214, 0.3900

Sweetspot

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



79.2930, 0.2289, 0.3311



90.1452, 0.2775, 0.3295



72.5216, 0.3017, 0.5783



19.0444, 0.2728, 0.3296



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.



79.2930, 0.2289, 0.3311



78.6557, 0.2258, 0.3316



31.6842, 0.1930, 0.1956



20.4783, 0.2981, 0.3292



41.0630, 0.2255, 0.3316



3.9991, 0.2254, 0.3313

Inverse Universe

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



23.8071, 0.5939, 0.3288



21.5093, 0.6347, 0.3296



43.0448, 0.5047, 0.4130



17.9899, 0.3293, 0.3288



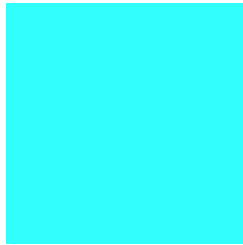
11.1128, 0.6391, 0.3294



1.0830, 0.6368, 0.3281

Previews

White Background



This preview shows how the Yxy color 79.2900, 0.2289, 0.3311 looks on a white background.

Color Contrast Check

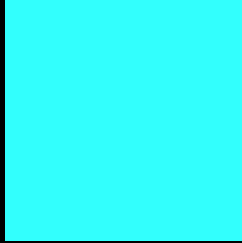
Large Text (above 18pt) WCAG AA × Fail

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 79.2900, 0.2289, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

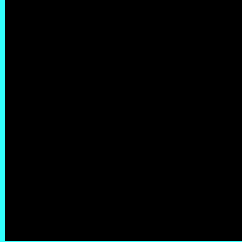
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

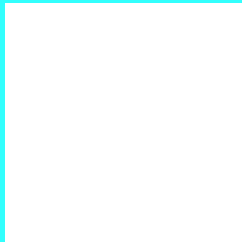
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2900, 0.2289, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 79.2900, 0.2289, 0.3311.

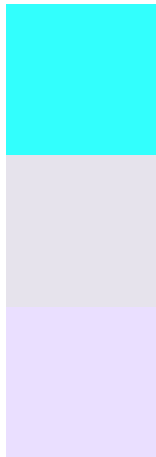


This preview shows how white text looks on a background with the Yxy color 79.2900, 0.2289, 0.3311.

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

79.2900, 0.2289, 0.3311

Protanopia

77.8173, 0.3090, 0.3196

Deuteranopia

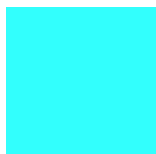
77.4878, 0.2999, 0.2966



Tritanopia

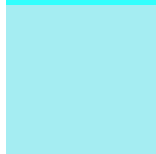
78.1978, 0.2584, 0.3143

Trichromacy



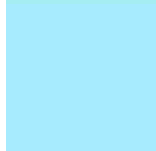
Original Color

79.2900, 0.2289, 0.3311



Protanomaly

74.9785, 0.2665, 0.3231



Deuteranomaly

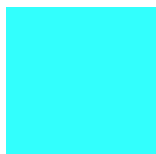
74.7879, 0.2613, 0.3075



Tritanomaly

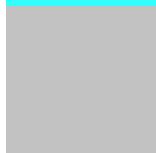
77.6704, 0.2432, 0.3207

Monochromacy



Original Color

79.2900, 0.2289, 0.3311



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

59.7688, 0.2650, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2900, 0.2289, 0.3311 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(50, 255, 253)` looks like.

```
.text, #text, p{
  color:rgb(50, 255, 253)
}
```

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(50, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 255, 253) }
```

Border

The CSS property to change the border of an element to Yxy 79.2900, 0.2289, 0.3311 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(50, 255, 253) }
```

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

```
.border{ border-color:rgb(50, 255, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(50, 255,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2900, 0.2289, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 255, 253) }
```

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

```
.background{ background-color: rgb(50, 255,  
253) }
```

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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