

Converting Colors

$Y_{xy}(79.0923, 0.2959, 0.3012)$

Have a look what the booklet for
Yxy(79.0923, 0.2959, 0.3012)
contains.

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Color

Yxy(79.2008, 0.2960, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	E4E4FF
RGB	228, 228, 255
RGB Percent	89%, 89%, 100%
CMY	0.1060, 0.1058, 0.0000
CMYK	0.11, 0.11, 0.00, 0.00
HSL	240°, 100%, 95%
HSV	240°, 11%, 100%
XYZ	77.7818, 79.2008, 105.7938
YIQ	231.0780, -8.6670, 8.3970

Conversions

Conversions Part 2

Format	Color
R_{YB}	228, 228, 255
Decimal	15000831
CIE Lab	91.33, 5.07, -13.05
CIE LCh	91, 13.999, 291.248
Yxy	79.2008, 0.2960, 0.3014
Android (android.graphics.Color)	4293190911 (0xFFE4E4FF)
YUV	231.0780, 11.7935, -2.6994
Hunter-Lab	88.9948, 0.2687, -8.1854

Details

The Yxy color **79.2008, 0.2960, 0.3014** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **98.3555, 0.3286, 0.3552**, and the grayscale version is **79.8872, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7350, 0.2920, 0.2961** is the 20% darker color. If you saturate the color by 10%, you get **62.3422, 0.2780, 0.2718**, and if you desaturate by 10%, it is **98.7446, 0.3118, 0.3275**.

Distribution



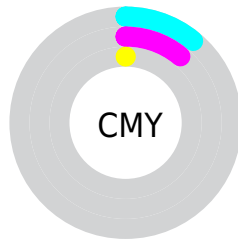
- Red (89%)
- Green (89%)
- Blue (100%)



- Red (89%)
- Yellow (89%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2008, 0.2960, 0.3014 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 79.2008, 0.2960, 0.3014 by changing the saturation by 10% instead.

■ 79.2008, 0.2960,
0.3014

■ 79.2008, 0.2960,
0.3014

492.2354, 0.3036,
0.3138

■ 59.0609, 0.2943,
0.2986

132.2415, 0.2986,
0.3056

■ 42.6622, 0.2922,
0.2953

165.9111, 0.2997,
0.3073

■ 29.6201, 0.2895,
0.2911

204.8594, 0.3006,
0.3088

■ 19.5504, 0.2861,
0.2857

249.4709, 0.3013,
0.3100

■ 12.0687, 0.2814,
0.2786

300.1298, 0.3020,
0.3111

■ 6.7905, 0.2749,
0.2687

357.2206, 0.3026,

■ 3.3314, 0.2649,

0.3121

0.2540

421.1276, 0.3032,
0.3130

■ 1.3071, 0.2482,
0.2301

■ 0.1467, 0.1772,
0.0987

■ 79.2008, 0.2960,
0.3014

■ 79.2008, 0.2960,
0.3014

■ 62.3422, 0.2780,
0.2718

■ 98.7446, 0.3118,
0.3275

■ 48.0420, 0.2582,
0.2389

100.0000, 0.3127,
0.3290

■ 36.1783, 0.2368,
0.2037

■ 26.6154, 0.2151,
0.1677

■ 19.2041, 0.1943,
0.1333

■ 13.7779, 0.1762,
0.1034

■ 10.1458, 0.1623,
0.0805

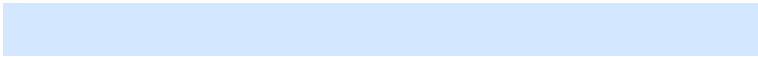
■ 8.0795, 0.1537,
0.0662

■ 7.2277, 0.1500,
0.0601

Harmonies

Analogous

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



79.2008, 0.2850, 0.3040



79.2008, 0.2960, 0.3014



79.2008, 0.3117, 0.3058

Triad

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



79.2008, 0.2960, 0.3014



79.2008, 0.3452, 0.3433



79.2008, 0.2972, 0.3425

Complementary

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



79.2008, 0.2960, 0.3014



98.3555, 0.3286, 0.3552

Split Complementary

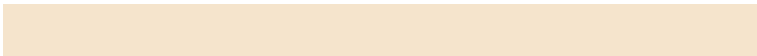
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2008, 0.3131, 0.3538



79.2008, 0.2960, 0.3014



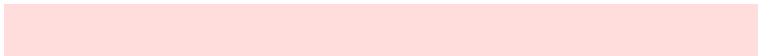
79.2008, 0.3410, 0.3538

Square

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



79.2008, 0.2960, 0.3014



79.2008, 0.3404, 0.3295



79.2008, 0.3291, 0.3579



79.2008, 0.2857, 0.3275

Rectangle

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



79.2008, 0.2960, 0.3014



79.2008, 0.3228, 0.3120



79.2008, 0.3291, 0.3579



79.2008, 0.3022, 0.3469

Sweetspot

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



79.2041, 0.2960, 0.3014



93.8002, 0.3082, 0.3216



95.2006, 0.2966, 0.3294



19.7315, 0.3070, 0.3196



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.



79.2041, 0.2960, 0.3014



74.9134, 0.2919, 0.2946



81.4007, 0.3046, 0.3021



17.3819, 0.2978, 0.3044



3.7784, 0.1500, 0.0601



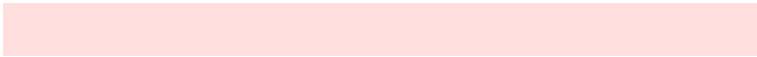
0.3693, 0.1501, 0.0603

Inverse Universe

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



82.3355, 0.3316, 0.3290



78.6913, 0.3366, 0.3290



95.9860, 0.3202, 0.3559



17.9875, 0.3294, 0.3290



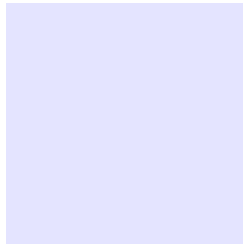
11.1094, 0.6399, 0.3299



1.0818, 0.6396, 0.3297

Previews

White Background



This preview shows how the Yxy color 79.2008, 0.2960, 0.3014 looks on a white background.

Color Contrast Check

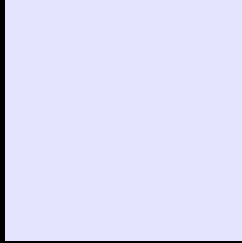
Large Text (above 18pt) WCAG AA × Fail

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 79.2008, 0.2960, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

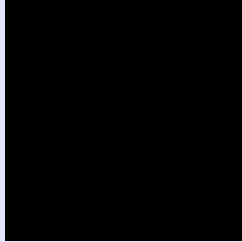
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2008, 0.2960, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 79.2008, 0.2960, 0.3014.

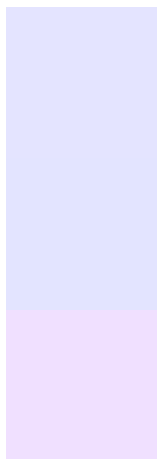


This preview shows how white text looks on a background with the Yxy color 79.2008, 0.2960, 0.3014.

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

79.2008, 0.2960, 0.3014

Protanopia

79.0377, 0.2954, 0.3013

Deuteranopia

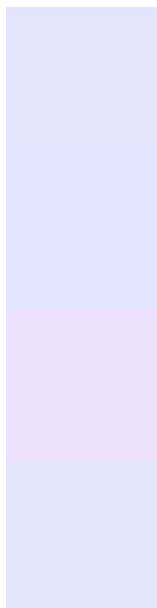
79.0566, 0.3039, 0.2980



Tritanopia

79.0849, 0.3002, 0.3104

Trichromacy



Original Color

79.2008, 0.2960, 0.3014

Protanomaly

79.0377, 0.2954, 0.3013

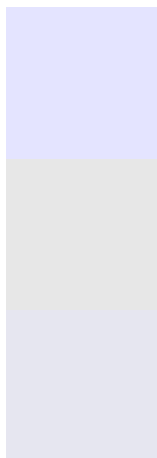
Deuteranomaly

78.9033, 0.3013, 0.2987

Tritanomaly

79.2716, 0.2984, 0.3074

Monochromacy



Original Color

79.2008, 0.2960, 0.3014

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.7079, 0.3064, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2008, 0.2960, 0.3014 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(228, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 228, 255)  
}
```

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(228, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 228, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.2008, 0.2960, 0.3014 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(228, 228, 255) }
```

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

```
.border{ border-color:rgb(228, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(228, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 228,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2008, 0.2960, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 228, 255) }
```

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

```
.background{ background-color: rgb(228,  
228, 255) }
```

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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