

Converting Colors

$Yxy(79.1819, 0.2946, 0.3156)$

Have a look what the booklet for
Yxy(79.1819, 0.2946, 0.3156)
contains.

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Color

Yxy(79.0575, 0.2949, 0.3153)

Conversions

Conversions Part 1

Format	Color
Hex	D9E8F5
RGB	217, 232, 245
RGB Percent	85%, 91%, 96%
CMY	0.1492, 0.0901, 0.0393
CMYK	0.11, 0.05, 0.00, 0.04
HSL	208°, 58%, 91%
HSV	208°, 11%, 96%
XYZ	73.9425, 79.0575, 97.7374
YIQ	228.9970, -13.1130, 0.8630

Conversions

Conversions Part 2

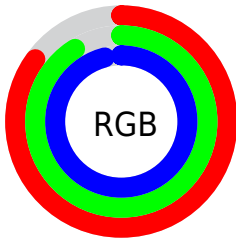
Format	Color
R _Y B	217, 227, 245
Decimal	14280949
CIE Lab	91.26, -2.47, -8.00
CIE LCh	91, 8.371, 252.817
Yxy	79.0575, 0.2949, 0.3153
Android (android.graphics.Color)	4292471029 (0xFFD9E8F5)
YUV	228.9970, 7.8895, -10.5214
Hunter-Lab	88.9143, -7.1567, -2.9335

Details

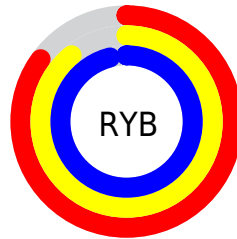
The Yxy color **79.0575, 0.2949, 0.3153** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **80.9728, 0.3317, 0.3423**, and the grayscale version is **78.2976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4062, 0.2907, 0.3112** is the 20% darker color. If you saturate the color by 10%, you get **69.4032, 0.2788, 0.3019**, and if you desaturate by 10%, it is **89.6874, 0.3105, 0.3274**.

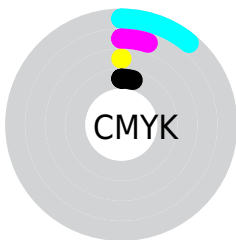
Distribution



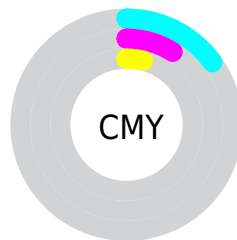
- Red (85%)
- Green (91%)
- Blue (96%)



- Red (85%)
- Yellow (89%)
- Blue (96%)



- Cyan (11%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0575, 0.2949, 0.3153 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 79.0575, 0.2949, 0.3153 by changing the saturation by 10% instead.

■ 79.0575, 0.2949,
0.3153

■ 79.0575, 0.2949,
0.3153

491.7508, 0.3030,
0.3216

■ 58.9431, 0.2931,
0.3139

132.0398, 0.2977,
0.3175

■ 42.5673, 0.2909,
0.3121

165.6765, 0.2988,
0.3183

■ 29.5458, 0.2881,
0.3099

204.5894, 0.2997,
0.3190

■ 19.4941, 0.2845,
0.3071

249.1629, 0.3005,
0.3197

■ 12.0278, 0.2797,
0.3032

299.7814, 0.3013,
0.3202

■ 6.7626, 0.2728,
0.2978

356.8293, 0.3019,

■ 3.3141, 0.2626,

0.3207

0.2894

420.6910, 0.3025,
0.3212

■ 1.2978, 0.2452,
0.2750

■ 0.1395, 0.0783,
0.1512

■ 79.0575, 0.2949,
0.3153

■ 79.0575, 0.2949,
0.3153

■ 69.4032, 0.2788,
0.3019

■ 89.6874, 0.3105,
0.3274

■ 60.6825, 0.2626,
0.2871

■ 99.1754, 0.3185,
0.3383

■ 52.8643, 0.2466,
0.2711

■ 99.3718, 0.3185,
0.3386

■ 45.9121, 0.2312,
0.2540

■ 39.7860, 0.2169,
0.2362

■ 34.4422, 0.2042,
0.2179

■ 29.8314, 0.1936,
0.1997

■ 25.8957, 0.1853,
0.1821

■ 22.9908, 0.1799,
0.1676

Harmonies

Analogous

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



79.0575, 0.2940, 0.3220



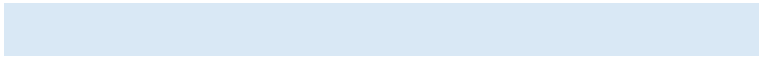
79.0575, 0.2949, 0.3153



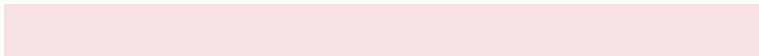
79.0575, 0.3005, 0.3124

Triad

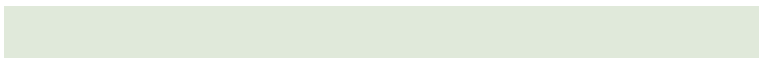
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0575, 0.2949, 0.3153



79.0575, 0.3276, 0.3270



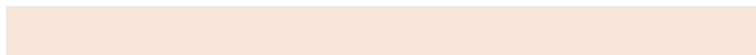
79.0575, 0.3158, 0.3449

Complementary

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



79.0575, 0.2949, 0.3153



80.9728, 0.3317, 0.3423

Split Complementary

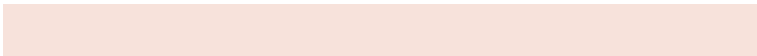
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0575, 0.3249, 0.3460



79.0575, 0.2949, 0.3153



79.0575, 0.3318, 0.3355

Square

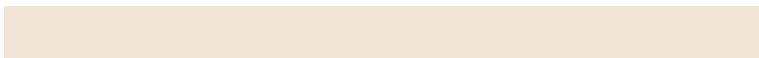
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0575, 0.2949, 0.3153



79.0575, 0.3193, 0.3191



79.0575, 0.3308, 0.3425



79.0575, 0.3060, 0.3392

Rectangle

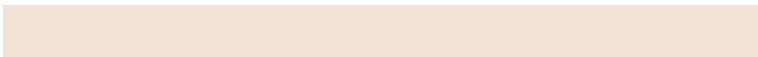
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0575, 0.2949, 0.3153



79.0575, 0.3062, 0.3128



79.0575, 0.3308, 0.3425



79.0575, 0.3191, 0.3458

Sweetspot

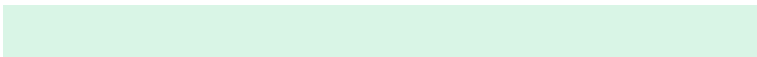
The Sweet Spot groups the original color and five complimentary colors.



79.0608, 0.2949, 0.3153



96.3399, 0.3081, 0.3256



85.7322, 0.3039, 0.3452



20.4149, 0.3069, 0.3246



0.0000, 0.0000, 0.0000



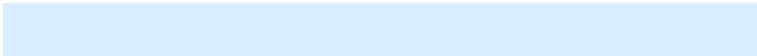
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0608, 0.2949, 0.3153



83.7553, 0.2908, 0.3120



71.6683, 0.2946, 0.3006



17.4015, 0.2980, 0.3178



12.6673, 0.1807, 0.1703



1.3189, 0.1866, 0.1917

Inverse Universe

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



74.8429, 0.3228, 0.3137



78.2810, 0.3254, 0.3101



88.8706, 0.3300, 0.3559



16.6314, 0.3209, 0.3164



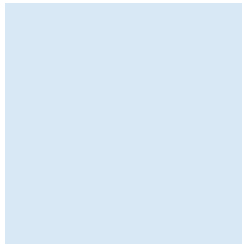
11.3781, 0.4803, 0.2419



1.0208, 0.4548, 0.2279

Previews

White Background



This preview shows how the Yxy color 79.0575, 0.2949, 0.3153 looks on a white background.

Color Contrast Check

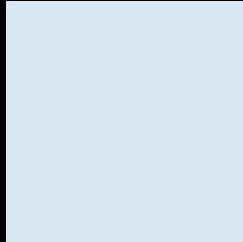
Large Text (above 18pt) WCAG AA × Fail

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 79.0575, 0.2949, 0.3153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

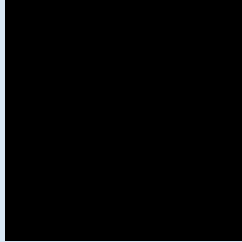
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

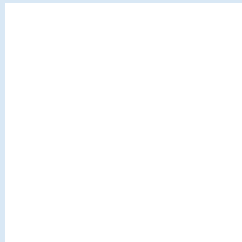
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0575, 0.2949, 0.3153

Background



This preview shows how black text looks on a background with the Yxy color 79.0575, 0.2949, 0.3153.

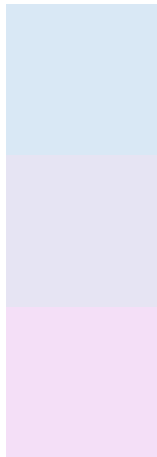


This preview shows how white text looks on a background with the Yxy color 79.0575, 0.2949, 0.3153.

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

79.0575, 0.2949, 0.3153

Protanopia

78.7809, 0.3046, 0.3135

Deuteranopia

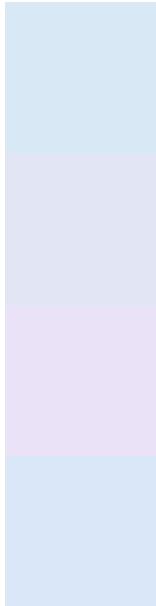
78.7238, 0.3118, 0.3049



Tritanopia

78.9594, 0.2926, 0.3091

Trichromacy



Original Color

79.0575, 0.2949, 0.3153

Protanomaly

78.5778, 0.3007, 0.3134

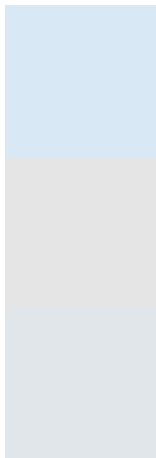
Deuteranomaly

78.5390, 0.3055, 0.3085

Tritanomaly

78.8346, 0.2938, 0.3111

Monochromacy



Original Color

79.0575, 0.2949, 0.3153

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.5993, 0.3062, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0575, 0.2949, 0.3153 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(217, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(217, 232, 245)  
}
```

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(217, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 232, 245) }
```

Border

The CSS property to change the border of an element to Yxy 79.0575, 0.2949, 0.3153 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(217, 232, 245) }
```

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

```
.border{ border-color:rgb(217, 232, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 232, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(217, 232,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0575, 0.2949, 0.3153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 232, 245) }
```

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

```
.background{ background-color: rgb(217,  
232, 245) }
```

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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