

Converting Colors

$Yxy(76.0978, 0.2961, 0.3126)$

Have a look what the booklet for
Yxy(76.0978, 0.2961, 0.3126)
contains.

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Color

Yxy(76.1007, 0.2966, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	D9E3F2
RGB	217, 227, 242
RGB Percent	85%, 89%, 95%
CMY	0.1490, 0.1098, 0.0508
CMYK	0.10, 0.06, 0.00, 0.05
HSL	216°, 49%, 90%
HSV	216°, 10%, 95%
XYZ	72.1133, 76.1007, 94.9192
YIQ	225.7200, -10.7750, 2.5450

Conversions

Conversions Part 2

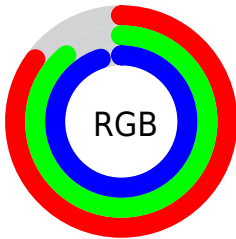
Format	Color
R _Y B	217, 224, 242
Decimal	14279666
CIE Lab	89.91, -0.46, -8.46
CIE LCh	90, 8.472, 266.892
Yxy	76.1007, 0.2966, 0.3130
Android (android.graphics.Color)	4292469746 (0xFFD9E3F2)
YUV	225.7200, 8.0260, -7.6474
Hunter-Lab	87.2357, -5.1057, -3.4471

Details

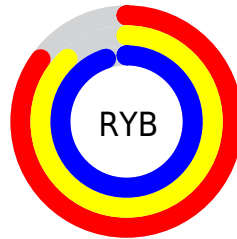
The Yxy color **76.1007, 0.2966, 0.3130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.6194, 0.3293, 0.3445**, and the grayscale version is **75.7896, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7316, 0.2928, 0.3097** is the 20% darker color. If you saturate the color by 10%, you get **65.0483, 0.2801, 0.2956**, and if you desaturate by 10%, it is **88.3739, 0.3122, 0.3285**.

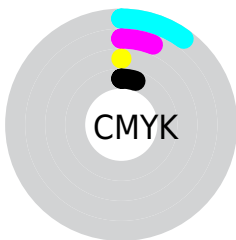
Distribution



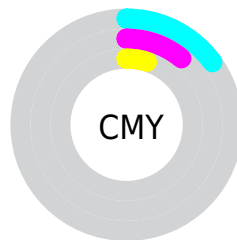
- Red (85%)
- Green (89%)
- Blue (95%)



- Red (85%)
- Yellow (88%)
- Blue (95%)



- Cyan (10%)
- Magenta (6%)
- Yellow (0%)
- Black (5%)



- Cyan (15%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1007, 0.2966, 0.3130 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 76.1007, 0.2966, 0.3130 by changing the saturation by 10% instead.

■ 76.1007, 0.2966,
0.3130

■ 76.1007, 0.2966,
0.3130

481.6923, 0.3040,
0.3203

■ 56.5151, 0.2949,
0.3113

127.8692, 0.2991,
0.3155

■ 40.6160, 0.2929,
0.3093

160.8210, 0.3001,
0.3165

■ 28.0192, 0.2903,
0.3067

198.9968, 0.3010,
0.3174

■ 18.3401, 0.2869,
0.3034

242.7813, 0.3017,
0.3181

■ 11.1945, 0.2824,
0.2988

292.5586, 0.3024,
0.3188

■ 6.1978, 0.2759,
0.2924

348.7133, 0.3030,

■ 2.9657, 0.2660,

0.3194

0.2824

411.6298, 0.3035,
0.3199

■ 1.1139, 0.2490,
0.2652

■ 0.0000, 0.0000,
0.0000

■ 76.1007, 0.2966,
0.3130

■ 76.1007, 0.2966,
0.3130

■ 65.0483, 0.2801,
0.2956

■ 88.3739, 0.3122,
0.3285

■ 55.1671, 0.2630,
0.2764

■ 99.1929, 0.3202,
0.3415

■ 46.4179, 0.2456,
0.2555

■ 38.7554, 0.2284,
0.2331

■ 32.1309, 0.2120,
0.2098

■ 26.4912, 0.1972,
0.1863

■ 21.7772, 0.1845,
0.1633

■ 17.9213, 0.1746,
0.1419

■ 14.9182, 0.1676,
0.1232

Harmonies

Analogous

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



76.1007, 0.2933, 0.3182



76.1007, 0.2966, 0.3130



76.1007, 0.3042, 0.3121

Triad

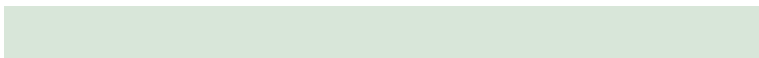
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1007, 0.2966, 0.3130



76.1007, 0.3306, 0.3311



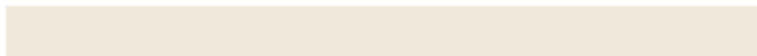
76.1007, 0.3111, 0.3431

Complementary

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



76.1007, 0.2966, 0.3130



81.6194, 0.3293, 0.3445

Split Complementary

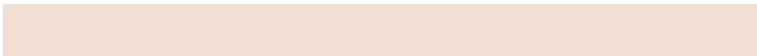
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1007, 0.3211, 0.3465



76.1007, 0.2966, 0.3130



76.1007, 0.3325, 0.3394

Square

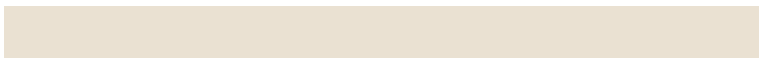
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1007, 0.2966, 0.3130



76.1007, 0.3238, 0.3224



76.1007, 0.3290, 0.3451



76.1007, 0.3016, 0.3357

Rectangle

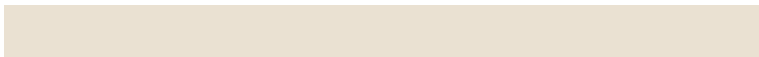
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1007, 0.2966, 0.3130



76.1007, 0.3107, 0.3139



76.1007, 0.3290, 0.3451



76.1007, 0.3145, 0.3447

Sweetspot

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



76.1039, 0.2966, 0.3130



95.6831, 0.3081, 0.3246



84.1031, 0.3026, 0.3396



20.2378, 0.3069, 0.3233



0.0000, 0.0000, 0.0000



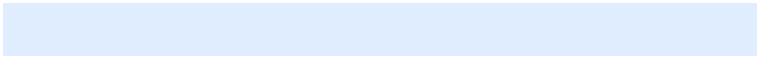
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1039, 0.2966, 0.3130



83.4875, 0.2939, 0.3102



71.1719, 0.2982, 0.3023



16.2658, 0.2980, 0.3144



8.2617, 0.1684, 0.1263



0.8768, 0.1756, 0.1523

Inverse Universe

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



74.0516, 0.3241, 0.3187



80.8796, 0.3262, 0.3170



86.9780, 0.3265, 0.3547



15.8635, 0.3230, 0.3196



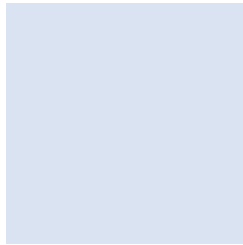
10.6274, 0.5378, 0.2736



0.9032, 0.5030, 0.2544

Previews

White Background



This preview shows how the Yxy color 76.1007, 0.2966, 0.3130 looks on a white background.

Color Contrast Check

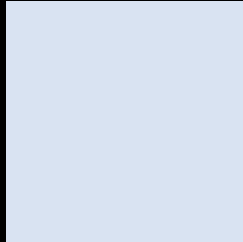
Large Text (above 18pt) WCAG AA × Fail

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 76.1007, 0.2966, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

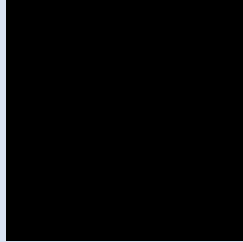
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

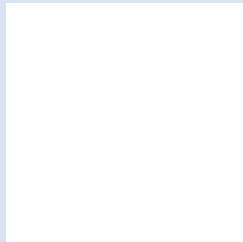
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1007, 0.2966, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 76.1007, 0.2966, 0.3130.

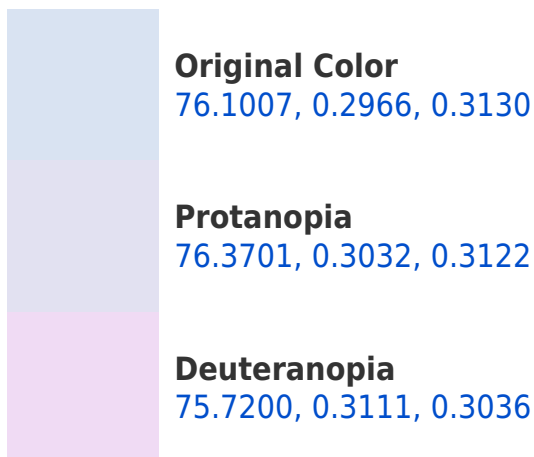


This preview shows how white text looks on a background with the Yxy color 76.1007, 0.2966, 0.3130.

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

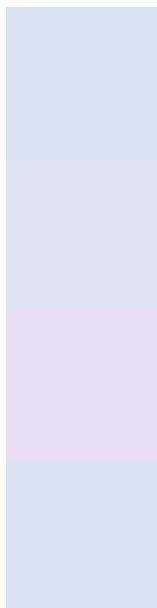




Tritanopia

76.2825, 0.2948, 0.3099

Trichromacy



Original Color

76.1007, 0.2966, 0.3130

Protanomaly

76.4316, 0.3012, 0.3132

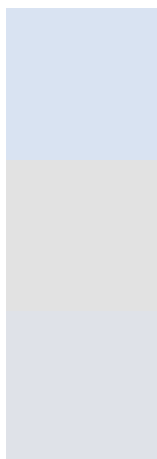
Deuteranomaly

75.8694, 0.3061, 0.3073

Tritanomaly

76.2215, 0.2954, 0.3110

Monochromacy



Original Color

76.1007, 0.2966, 0.3130

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9069, 0.3068, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1007, 0.2966, 0.3130 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, 227, 242)` looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 242)  
}
```

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, 227, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 242) }
```

Border

The CSS property to change the border of an element to Yxy 76.1007, 0.2966, 0.3130 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, 227, 242) }
```

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

```
.border{ border-color:rgb(217, 227, 242) }
```

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

Here you see how a box with a 4 pixel rgb(217, 227, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 242);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1007, 0.2966, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 242) }
```

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

```
.background{ background-color: rgb(217,  
227, 242) }
```

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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