

Converting Colors

$Yxy(77.7179, 0.2988, 0.3177)$

Have a look what the booklet for
Yxy(77.7179, 0.2988, 0.3177)
contains.

Yxy(77.9450, 0.2992, 0.3184)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.9450, 0.2992, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	DBE6F0
RGB	219, 230, 240
RGB Percent	86%, 90%, 94%
CMY	0.1410, 0.0981, 0.0589
CMYK	0.09, 0.04, 0.00, 0.06
HSL	209°, 41%, 90%
HSV	209°, 9%, 94%
XYZ	73.2448, 77.9450, 93.6123
YIQ	227.8510, -9.7660, 0.7780

Conversions

Conversions Part 2

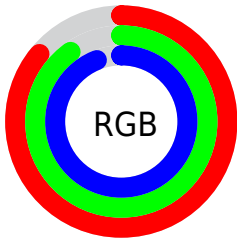
Format	Color
R _{YB}	219, 226, 240
Decimal	14411504
CIE Lab	90.75, -1.74, -6.12
CIE LCh	91, 6.359, 254.075
Yxy	77.9450, 0.2992, 0.3184
Android (android.graphics.Color)	4292601584 (0xFFDBE6F0)
YUV	227.8510, 5.9895, -7.7623
Hunter-Lab	88.2865, -6.4130, -1.0661

Details

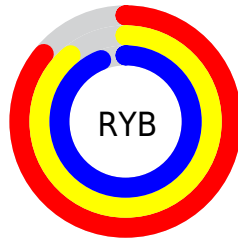
The Yxy color **77.9450, 0.2992, 0.3184** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.6945, 0.3268, 0.3394**, and the grayscale version is **77.4346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0131, 0.2961, 0.3166** is the 20% darker color. If you saturate the color by 10%, you get **68.3271, 0.2832, 0.3050**, and if you desaturate by 10%, it is **88.5243, 0.3146, 0.3305**.

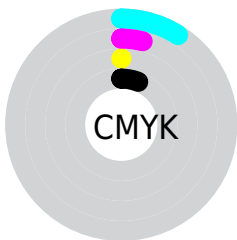
Distribution



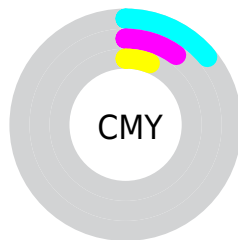
- Red (86%)
- Green (90%)
- Blue (94%)



- Red (86%)
- Yellow (89%)
- Blue (94%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.9450, 0.2992, 0.3184 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 77.9450, 0.2992, 0.3184 by changing the saturation by 10% instead.

■ 77.9450, 0.2992,
0.3184

■ 77.9450, 0.2992,
0.3184

487.9800, 0.3054,
0.3233

■ 58.0288, 0.2978,
0.3173

130.4726, 0.3013,
0.3201

■ 41.8318, 0.2961,
0.3159

163.8528, 0.3022,
0.3207

■ 28.9696, 0.2940,
0.3142

202.4897, 0.3029,
0.3213

■ 19.0578, 0.2912,
0.3120

246.7678, 0.3035,
0.3218

■ 11.7121, 0.2875,
0.3090

297.0715, 0.3040,
0.3222

■ 6.5479, 0.2822,
0.3047

353.7852, 0.3045,

■ 3.1810, 0.2741,

0.3226

0.2981

417.2932, 0.3050,
0.3230

■ 1.2270, 0.2602,
0.2865

■ 0.0836, 0.0576,
0.1308

■ 77.9450, 0.2992,
0.3184

■ 77.9450, 0.2992,
0.3184

■ 68.3271, 0.2832,
0.3050

■ 88.5243, 0.3146,
0.3305

■ 59.6301, 0.2669,
0.2901

■ 97.7300, 0.3216,
0.3414

■ 51.8245, 0.2507,
0.2739

■ 99.0706, 0.3215,
0.3434

■ 44.8753, 0.2349,
0.2566

■ 38.7448, 0.2201,
0.2384

■ 33.3918, 0.2067,
0.2196

■ 28.7699, 0.1953,
0.2008

■ 24.8262, 0.1862,
0.1825

■ 21.4862, 0.1794,
0.1650

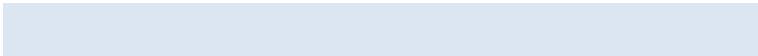
Harmonies

Analogous

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



77.9450, 0.2984, 0.3234



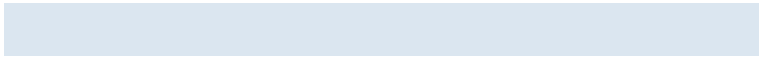
77.9450, 0.2992, 0.3184



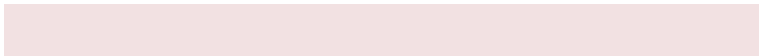
77.9450, 0.3036, 0.3162

Triad

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



77.9450, 0.2992, 0.3184



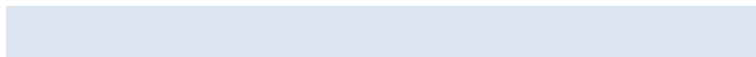
77.9450, 0.3242, 0.3278



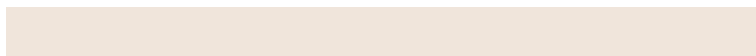
77.9450, 0.3148, 0.3409

Complementary

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



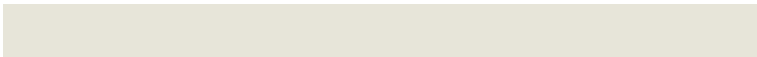
77.9450, 0.2992, 0.3184



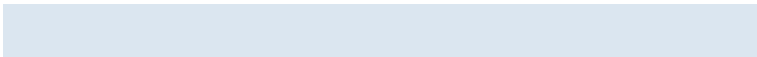
79.6945, 0.3268, 0.3394

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.



77.9450, 0.3218, 0.3420



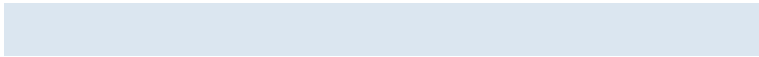
77.9450, 0.2992, 0.3184



77.9450, 0.3273, 0.3343

Square

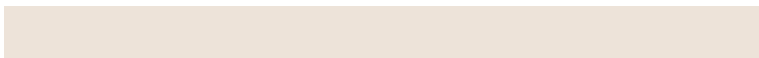
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9450, 0.2992, 0.3184



77.9450, 0.3181, 0.3217



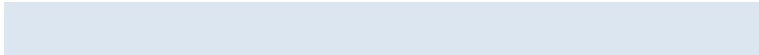
77.9450, 0.3264, 0.3395



77.9450, 0.3073, 0.3366

Rectangle

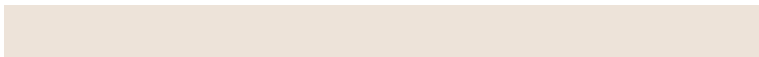
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.9450, 0.2992, 0.3184



77.9450, 0.3080, 0.3167



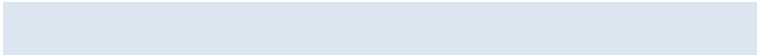
77.9450, 0.3264, 0.3395



77.9450, 0.3173, 0.3417

Sweetspot

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



77.9483, 0.2992, 0.3184



96.2721, 0.3081, 0.3255



83.0260, 0.3058, 0.3408



20.3966, 0.3069, 0.3245



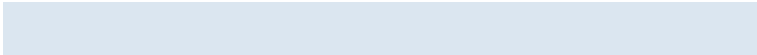
0.0000, 0.0000, 0.0000



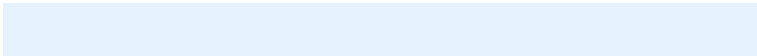
21.4041, 0.3127, 0.3290

Same Dimension

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



77.9483, 0.2992, 0.3184



87.9651, 0.2971, 0.3167



72.4043, 0.2992, 0.3074



16.5970, 0.2980, 0.3174



11.8169, 0.1794, 0.1656



1.1823, 0.1857, 0.1886

Inverse Universe

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



74.9188, 0.3204, 0.3177



84.0371, 0.3217, 0.3160



85.5427, 0.3258, 0.3498



15.8970, 0.3211, 0.3167



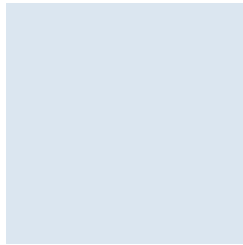
10.9863, 0.4861, 0.2451



0.9341, 0.4583, 0.2299

Previews

White Background



This preview shows how the Yxy color 77.9450, 0.2992, 0.3184 looks on a white background.

Color Contrast Check

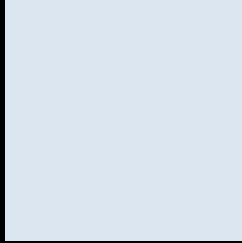
Large Text (above 18pt) WCAG AA × Fail

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 77.9450, 0.2992, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

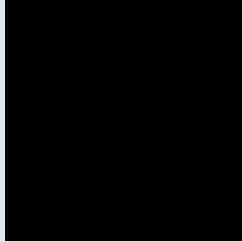
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

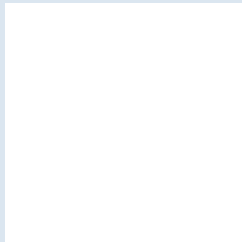
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.9450, 0.2992, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 77.9450, 0.2992, 0.3184.

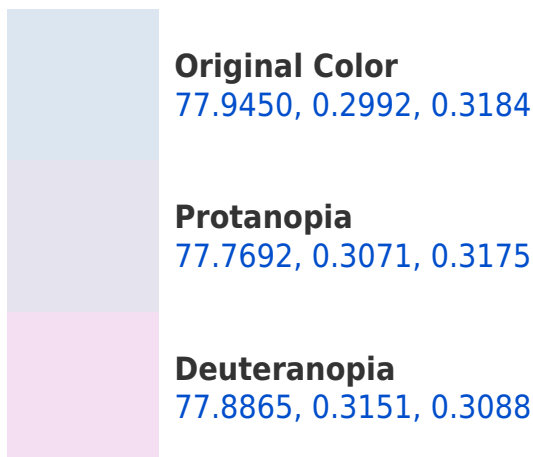


This preview shows how white text looks on a background with the Yxy color 77.9450, 0.2992, 0.3184.

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

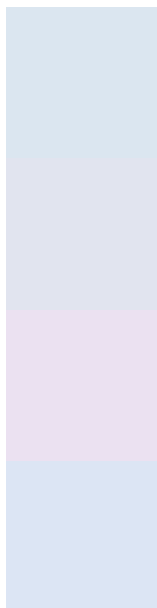




Tritanopia

77.9697, 0.2956, 0.3101

Trichromacy



Original Color

77.9450, 0.2992, 0.3184

Protanomaly

77.7264, 0.3038, 0.3175

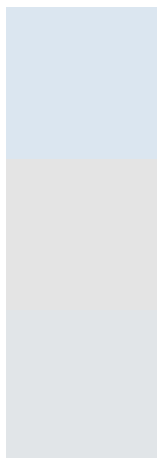
Deuteranomaly

77.8635, 0.3094, 0.3126

Tritanomaly

77.7859, 0.2974, 0.3132

Monochromacy



Original Color

77.9450, 0.2992, 0.3184

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.8724, 0.3081, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.9450, 0.2992, 0.3184 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(219, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 230, 240)  
}
```

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(219, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 230, 240) }
```

Border

The CSS property to change the border of an element to Yxy 77.9450, 0.2992, 0.3184 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(219, 230, 240) }
```

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

```
.border{ border-color:rgb(219, 230, 240) }
```

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

Here you see how a box with a 4 pixel rgb(219, 230, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 230,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 77.9450, 0.2992, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 230, 240) }
```

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

```
.background{ background-color: rgb(219,  
230, 240) }
```

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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