

Converting Colors

$Yxy(76.3034, 0.2930, 0.3200)$

Have a look what the booklet for
Yxy(76.3034, 0.2930, 0.3200)
contains.

Yxy(76.1766, 0.2932, 0.3203)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.1766, 0.2932, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	D0E6EE
RGB	208, 230, 238
RGB Percent	82%, 90%, 93%
CMY	0.1845, 0.0980, 0.0666
CMYK	0.13, 0.03, 0.00, 0.07
HSL	196°, 47%, 87%
HSV	196°, 13%, 93%
XYZ	69.7314, 76.1766, 91.9209
YIQ	224.3340, -15.6800, -2.1760

Conversions

Conversions Part 2

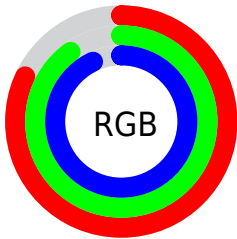
Format	Color
R _Y B	208, 221, 238
Decimal	13690606
CIE Lab	89.94, -5.69, -6.37
CIE LCh	90, 8.537, 228.217
Yxy	76.1766, 0.2932, 0.3203
Android (android.graphics.Color)	4291880686 (0xFFD0E6EE)
YUV	224.3340, 6.7373, -14.3249
Hunter-Lab	87.2792, -10.1266, -1.3477

Details

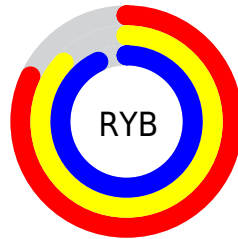
The Yxy color **76.1766, 0.2932, 0.3203** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8095, 0.3346, 0.3375**, and the grayscale version is **74.7483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8096, 0.2886, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **69.5285, 0.2779, 0.3126**, and if you desaturate by 10%, it is **83.4764, 0.3087, 0.3273**.

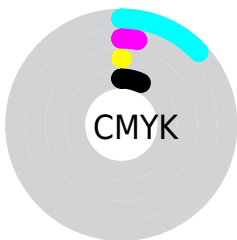
Distribution



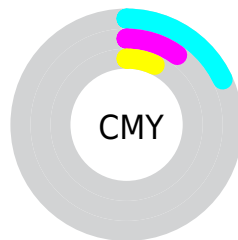
- Red (82%)
- Green (90%)
- Blue (93%)



- Red (82%)
- Yellow (87%)
- Blue (93%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (18%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1766, 0.2932, 0.3203 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 76.1766, 0.2932, 0.3203 by changing the saturation by 10% instead.

■ 76.1766, 0.2932,
0.3203

■ 76.1766, 0.2932,
0.3203

481.9520, 0.3021,
0.3244

■ 56.5773, 0.2912,
0.3194

127.9765, 0.2963,
0.3217

■ 40.6660, 0.2887,
0.3182

160.9459, 0.2975,
0.3223

■ 28.0582, 0.2856,
0.3167

199.1409, 0.2985,
0.3227

■ 18.3695, 0.2816,
0.3148

242.9457, 0.2994,
0.3231

■ 11.2156, 0.2762,
0.3121

292.7449, 0.3002,
0.3235

■ 6.2121, 0.2685,
0.3083

348.9227, 0.3009,

■ 2.9744, 0.2567,

0.3238

411.8636, 0.3015,
0.3241

0.3022

1.1184, 0.2365,
0.2911

0.0000, 0.0000,
0.0000

76.1766, 0.2932,
0.3203

76.1766, 0.2932,
0.3203

69.5285, 0.2779,
0.3126

83.4764, 0.3087,
0.3273

63.4983, 0.2631,
0.3043

91.3366, 0.3237,
0.3336

58.0631, 0.2492,
0.2954

95.1813, 0.3231,
0.3397

53.1946, 0.2364,
0.2860

98.9534, 0.3226,
0.3454

■ 48.8619, 0.2251,
0.2762

■ 45.0305, 0.2157,
0.2662

■ 41.6606, 0.2082,
0.2561

■ 38.7046, 0.2027,
0.2461

■ 36.7371, 0.1997,
0.2388

Harmonies

Analogous

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



76.1766, 0.2965, 0.3292



76.1766, 0.2932, 0.3203



76.1766, 0.2950, 0.3140

Triad

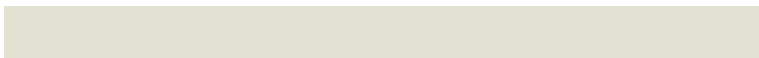
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1766, 0.2932, 0.3203



76.1766, 0.3213, 0.3201



76.1766, 0.3238, 0.3467

Complementary

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



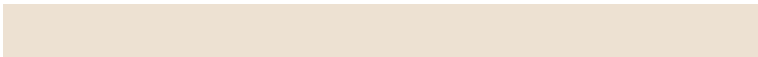
76.1766, 0.2932, 0.3203



71.8095, 0.3346, 0.3375

Split Complementary

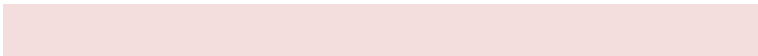
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1766, 0.3307, 0.3439



76.1766, 0.2932, 0.3203



76.1766, 0.3292, 0.3285

Square

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



76.1766, 0.2932, 0.3203



76.1766, 0.3111, 0.3140



76.1766, 0.3327, 0.3372



76.1766, 0.3141, 0.3446

Rectangle

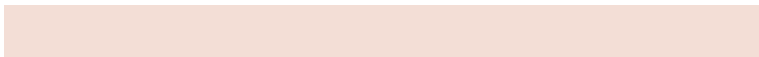
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



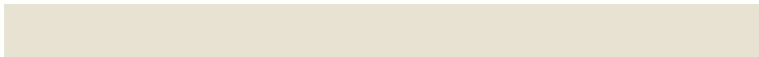
76.1766, 0.2932, 0.3203



76.1766, 0.2989, 0.3120



76.1766, 0.3327, 0.3372



76.1766, 0.3265, 0.3463

Sweetspot

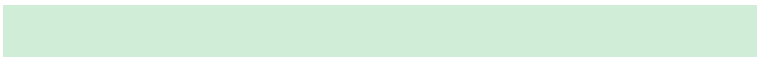
The Sweet Spot groups the original color and five complimentary colors.



76.1798, 0.2932, 0.3203



96.3991, 0.3065, 0.3264



79.4855, 0.3066, 0.3537



20.4914, 0.3053, 0.3258



0.0000, 0.0000, 0.0000



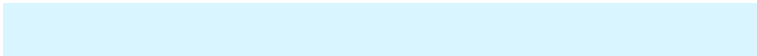
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1798, 0.2932, 0.3203



87.1381, 0.2895, 0.3185



68.4134, 0.2928, 0.3042



17.1767, 0.2981, 0.3226



20.7177, 0.2001, 0.2404



1.8856, 0.2037, 0.2535

Inverse Universe

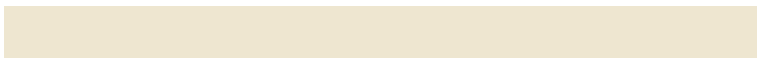
The Inverse Universe completely reimagines the original color for something new.



68.9795, 0.3197, 0.3059



77.3394, 0.3213, 0.3014



79.5977, 0.3326, 0.3526



15.9555, 0.3179, 0.3118



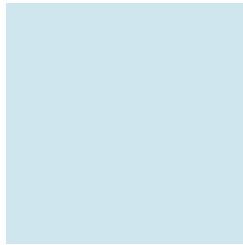
11.8848, 0.4019, 0.1988



1.0051, 0.3888, 0.1916

Previews

White Background



This preview shows how the Yxy color 76.1766, 0.2932, 0.3203 looks on a white background.

Color Contrast Check

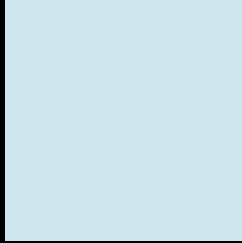
Large Text (above 18pt) WCAG AA × Fail

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 76.1766, 0.2932, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

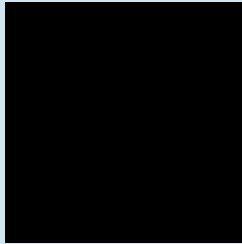
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

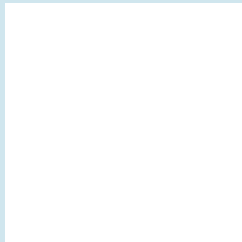
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1766, 0.2932, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 76.1766, 0.2932, 0.3203.

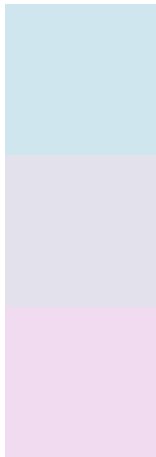


This preview shows how white text looks on a background with the Yxy color 76.1766, 0.2932, 0.3203.

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

76.1766, 0.2932, 0.3203

Protanopia

76.1795, 0.3077, 0.3185

Deuteranopia

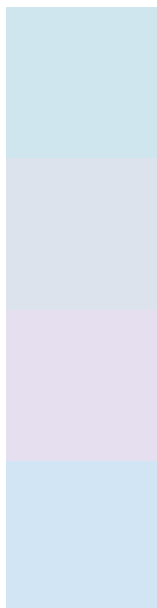
75.6551, 0.3144, 0.3076



Tritanopia

76.4557, 0.2892, 0.3097

Trichromacy



Original Color

76.1766, 0.2932, 0.3203

Protanomaly

76.2099, 0.3023, 0.3194

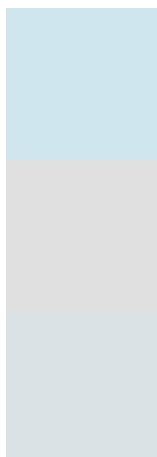
Deuteranomaly

75.6654, 0.3066, 0.3123

Tritanomaly

76.1256, 0.2903, 0.3129

Monochromacy



Original Color

76.1766, 0.2932, 0.3203

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9553, 0.3053, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1766, 0.2932, 0.3203 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(208, 230, 238)` looks like.

```
.text, #text, p{  
    color:rgb(208, 230, 238)  
}
```

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(208, 230, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 238) }
```

Border

The CSS property to change the border of an element to Yxy 76.1766, 0.2932, 0.3203 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(208, 230, 238) }
```

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

```
.border{ border-color:rgb(208, 230, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 230, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 238);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1766, 0.2932, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 238) }
```

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

```
.background{ background-color: rgb(208,  
230, 238) }
```

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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