

Converting Colors

$Yxy(76.7932, 0.3016, 0.3290)$

Have a look what the booklet for
Yxy(76.7932, 0.3016, 0.3290)
contains.

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Color

Yxy(76.6029, 0.3020, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	D6E6E6
RGB	214, 230, 230
RGB Percent	84%, 90%, 90%
CMY	0.1606, 0.0980, 0.0982
CMYK	0.07, 0.00, 0.00, 0.10
HSL	180°, 24%, 87%
HSV	180°, 7%, 90%
XYZ	70.3163, 76.6029, 85.9163
YIQ	225.2160, -9.5360, -3.3920

Conversions

Conversions Part 2

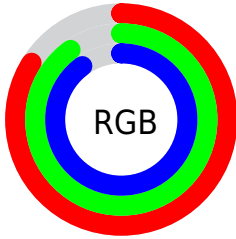
Format	Color
R_{YB}	214, 222, 230
Decimal	14083814
CIE _{Lab}	90.14, -5.28, -1.82
CIE _{LCh}	90, 5.585, 198.983
Yxy	76.6029, 0.3020, 0.3290
Android (android.graphics.Color)	4292273894 (0xFFD6E6E6)
YUV	225.2160, 2.3585, -9.8364
Hunter-Lab	87.5231, -9.7579, 3.0646

Details

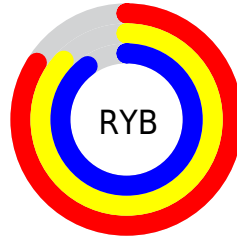
The Yxy color **76.6029, 0.3020, 0.3290** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7967, 0.3245, 0.3290**, and the grayscale version is **75.4514, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1260, 0.2989, 0.3290** is the 20% darker color. If you saturate the color by 10%, you get **73.3829, 0.2872, 0.3290**, and if you desaturate by 10%, it is **80.3180, 0.3175, 0.3290**.

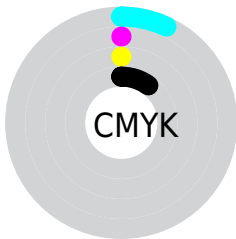
Distribution



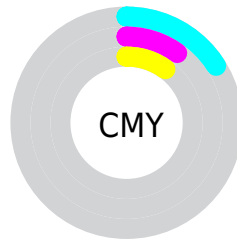
- Red (84%)
- Green (90%)
- Blue (90%)



- Red (84%)
- Yellow (87%)
- Blue (90%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6029, 0.3020, 0.3290 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 76.6029, 0.3020, 0.3290 by changing the saturation by 10% instead.

■ 76.6029, 0.3020,
0.3290

■ 76.6029, 0.3020,
0.3290

483.4090, 0.3069,
0.3290

■ 56.9270, 0.3009,
0.3290

128.5788, 0.3037,
0.3290

■ 40.9466, 0.2995,
0.3290

161.6476, 0.3044,
0.3290

■ 28.2774, 0.2978,
0.3289

199.9495, 0.3049,
0.3290

■ 18.5349, 0.2956,
0.3289

243.8688, 0.3054,
0.3290

■ 11.3347, 0.2925,
0.3289

293.7901, 0.3059,
0.3290

■ 6.2924, 0.2882,
0.3287

350.0976, 0.3062,

■ 3.0237, 0.2816,

0.3290

413.1758, 0.3066,
0.3290

0.3285

1.1441, 0.2699,
0.3280

0.0153, 0.0000,
0.0964

76.6029, 0.3020,
0.3290

76.6029, 0.3020,
0.3290

73.3829, 0.2872,
0.3290

80.3180, 0.3175,
0.3290

70.6280, 0.2736,
0.3290

83.5685, 0.3300,
0.3290

68.3195, 0.2612,
0.3291

83.5711, 0.3300,
0.3289

66.4340, 0.2506,
0.3291

83.5736, 0.3300,
0.3289

64.9458, 0.2417,
0.3291

83.5762, 0.3299,
0.3289

63.8264, 0.2348,
0.3292

83.5788, 0.3299,
0.3288

63.0437, 0.2298,
0.3292

83.5813, 0.3299,
0.3288

62.5597, 0.2266,
0.3293

83.5839, 0.3298,
0.3287

62.3259, 0.2251,
0.3293

83.5864, 0.3298,
0.3287

Harmonies

Analogous

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



76.6029, 0.3069, 0.3348



76.6029, 0.3020, 0.3290



76.6029, 0.2999, 0.3232

Triad

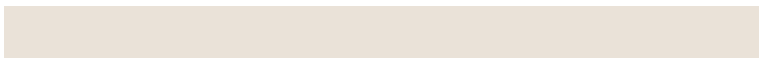
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6029, 0.3020, 0.3290



76.6029, 0.3119, 0.3192



76.6029, 0.3243, 0.3389

Complementary

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



76.6029, 0.3020, 0.3290



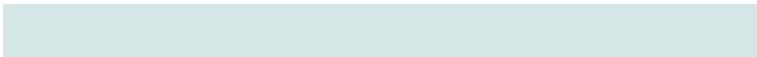
69.7967, 0.3245, 0.3290

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.



76.6029, 0.3257, 0.3346



76.6029, 0.3020, 0.3290



76.6029, 0.3185, 0.3233

Square

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



76.6029, 0.3020, 0.3290



76.6029, 0.3056, 0.3177



76.6029, 0.3236, 0.3289



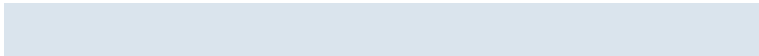
76.6029, 0.3198, 0.3405

Rectangle

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



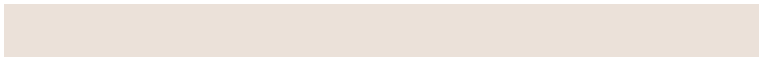
76.6029, 0.3020, 0.3290



76.6029, 0.3004, 0.3202



76.6029, 0.3236, 0.3289



76.6029, 0.3252, 0.3377

Sweetspot

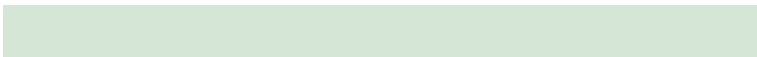
The Sweet Spot groups the original color and five complimentary colors.



76.6061, 0.3020, 0.3290



99.0449, 0.3096, 0.3290



75.7922, 0.3121, 0.3465



21.2097, 0.3097, 0.3290



0.0000, 0.0000, 0.0000



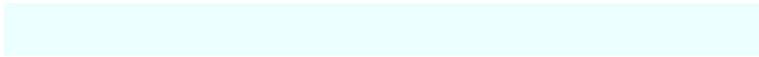
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6061, 0.3020, 0.3290



96.3316, 0.3003, 0.3290



72.4106, 0.3020, 0.3206



16.3359, 0.2982, 0.3290



35.2604, 0.2248, 0.3293



2.6058, 0.2248, 0.3292

Inverse Universe

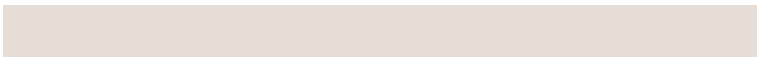
The Inverse Universe completely reimagines the original color for something new.



69.7967, 0.3245, 0.3290



86.4253, 0.3265, 0.3290



73.7921, 0.3238, 0.3373



14.3685, 0.3292, 0.3290



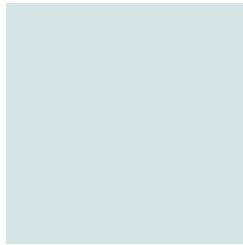
9.5250, 0.6399, 0.3298



0.7040, 0.6392, 0.3295

Previews

White Background



This preview shows how the Yxy color 76.6029, 0.3020, 0.3290 looks on a white background.

Color Contrast Check

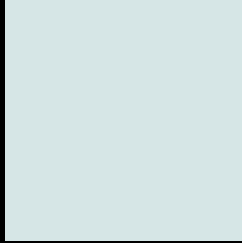
Large Text (above 18pt) WCAG AA × Fail

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 76.6029, 0.3020, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

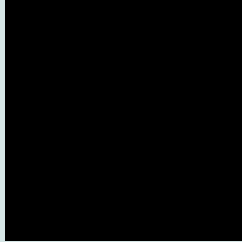
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

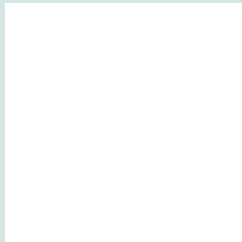
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6029, 0.3020, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 76.6029, 0.3020, 0.3290.

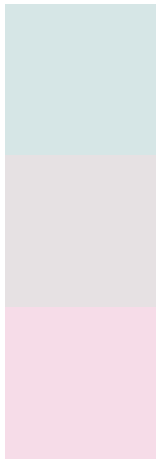


This preview shows how white text looks on a background with the Yxy color 76.6029, 0.3020, 0.3290.

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

76.6029, 0.3020, 0.3290

Protanopia

76.2195, 0.3149, 0.3269

Deuteranopia

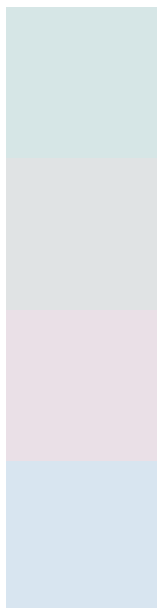
76.6054, 0.3233, 0.3168



Tritanopia

76.8923, 0.2942, 0.3100

Trichromacy



Original Color

76.6029, 0.3020, 0.3290

Protanomaly

76.3869, 0.3100, 0.3279

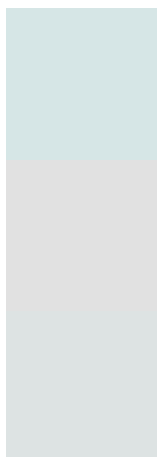
Deuteranomaly

76.5733, 0.3152, 0.3217

Tritanomaly

76.9288, 0.2972, 0.3173

Monochromacy



Original Color

76.6029, 0.3020, 0.3290

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.8564, 0.3086, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6029, 0.3020, 0.3290 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(214, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(214, 230, 230)  
}
```

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(214, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 230, 230) }
```

Border

The CSS property to change the border of an element to Yxy 76.6029, 0.3020, 0.3290 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(214, 230, 230) }
```

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

```
.border{ border-color:rgb(214, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(214, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(214, 230,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6029, 0.3020, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 230, 230) }
```

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

```
.background{ background-color: rgb(214,  
230, 230) }
```

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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