

Converting Colors

$Yxy(76.2099, 0.3023, 0.3194)$

Have a look what the booklet for
Yxy(76.2099, 0.3023, 0.3194)
contains.

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Color

Yxy(76.2099, 0.3023, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	DCE3EC
RGB	220, 227, 236
RGB Percent	86%, 89%, 93%
CMY	0.1372, 0.1098, 0.0745
CMYK	0.07, 0.04, 0.00, 0.07
HSL	214°, 30%, 89%
HSV	214°, 7%, 93%
XYZ	72.1298, 76.2099, 90.2636
YIQ	225.9330, -7.0610, 1.3150

Conversions

Conversions Part 2

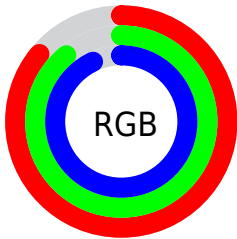
Format	Color
R _Y B	220, 225, 236
Decimal	14476268
CIE Lab	89.96, -0.64, -5.20
CIE LCh	90, 5.236, 262.947
Yxy	76.2099, 0.3023, 0.3194
Android (android.graphics.Color)	4292666348 (0xFFDCE3EC)
YUV	225.9330, 4.9630, -5.2032
Hunter-Lab	87.2983, -5.2872, -0.1952

Details

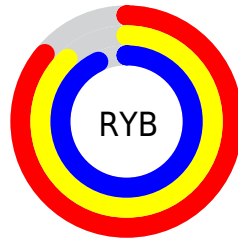
The Yxy color **76.2099, 0.3023, 0.3194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.0551, 0.3234, 0.3384**, and the grayscale version is **75.9740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7997, 0.3001, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **65.7904, 0.2862, 0.3038**, and if you desaturate by 10%, it is **87.7176, 0.3175, 0.3333**.

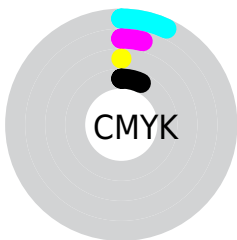
Distribution



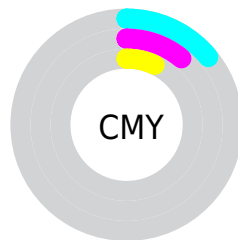
- Red (86%)
- Green (89%)
- Blue (93%)



- Red (86%)
- Yellow (88%)
- Blue (93%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (7%)



- Cyan (14%)
- Magenta (11%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2099, 0.3023, 0.3194 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 76.2099, 0.3023, 0.3194 by changing the saturation by 10% instead.

■ 76.2099, 0.3023,
0.3194

■ 76.2099, 0.3023,
0.3194

482.0659, 0.3071,
0.3238

■ 56.6046, 0.3012,
0.3184

128.0236, 0.3039,
0.3209

■ 40.6879, 0.2999,
0.3172

161.0008, 0.3046,
0.3215

■ 28.0753, 0.2982,
0.3156

199.2041, 0.3051,
0.3220

■ 18.3824, 0.2960,
0.3136

243.0179, 0.3056,
0.3225

■ 11.2249, 0.2931,
0.3108

292.8266, 0.3061,
0.3229

■ 6.2183, 0.2888,
0.3069

349.0145, 0.3064,

■ 2.9783, 0.2823,

0.3232

0.3008

411.9662, 0.3068,
0.3235

■ 1.1204, 0.2709,
0.2900

■ 0.0000, 0.0000,
0.0000

■ 76.2099, 0.3023,
0.3194

■ 76.2099, 0.3023,
0.3194

■ 65.7904, 0.2862,
0.3038

■ 87.7176, 0.3175,
0.3333

■ 56.4152, 0.2695,
0.2865

■ 97.9433, 0.3239,
0.3460

■ 48.0512, 0.2525,
0.2675

■ 98.8361, 0.3238,
0.3473

■ 40.6598, 0.2356,
0.2470

■ 34.1997, 0.2194,
0.2255

■ 28.6257, 0.2045,
0.2033

■ 23.8883, 0.1914,
0.1813

■ 19.9310, 0.1808,
0.1602

■ 16.6857, 0.1729,
0.1406

Harmonies

Analogous

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



76.2099, 0.3007, 0.3230



76.2099, 0.3023, 0.3194



76.2099, 0.3067, 0.3184

Triad

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



76.2099, 0.3023, 0.3194



76.2099, 0.3233, 0.3296



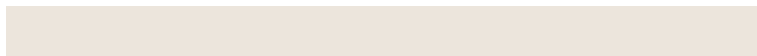
76.2099, 0.3126, 0.3381

Complementary

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



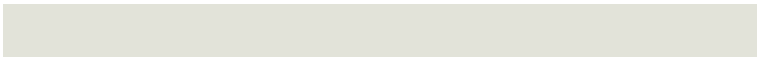
76.2099, 0.3023, 0.3194



79.0551, 0.3234, 0.3384

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.



76.2099, 0.3187, 0.3398



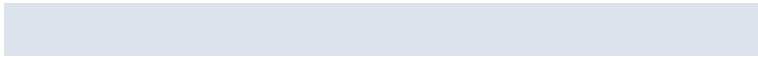
76.2099, 0.3023, 0.3194



76.2099, 0.3249, 0.3349

Square

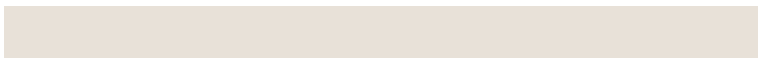
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



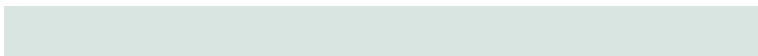
76.2099, 0.3023, 0.3194



76.2099, 0.3189, 0.3243



76.2099, 0.3232, 0.3386



76.2099, 0.3066, 0.3338

Rectangle

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



76.2099, 0.3023, 0.3194



76.2099, 0.3107, 0.3193



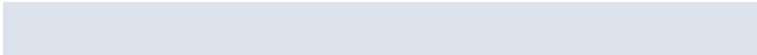
76.2099, 0.3232, 0.3386



76.2099, 0.3147, 0.3390

Sweetspot

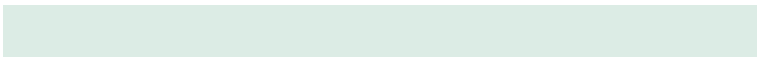
The Sweet Spot groups the original color and five complimentary colors.



76.2131, 0.3023, 0.3194



97.2256, 0.3097, 0.3262



80.8569, 0.3065, 0.3366



20.8394, 0.3098, 0.3264



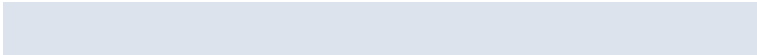
0.0000, 0.0000, 0.0000



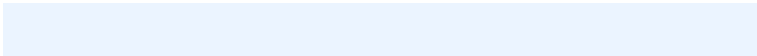
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2131, 0.3023, 0.3194



89.2178, 0.3003, 0.3175



72.6008, 0.3029, 0.3119



15.6307, 0.2980, 0.3154



8.9343, 0.1716, 0.1375



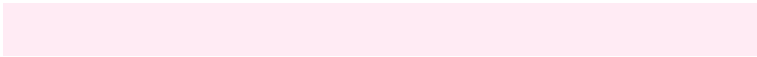
0.8899, 0.1790, 0.1644

Inverse Universe

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



74.5788, 0.3195, 0.3217



86.9495, 0.3209, 0.3203



82.8557, 0.3222, 0.3456



15.1633, 0.3224, 0.3188



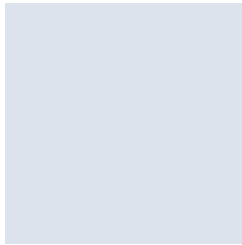
10.3947, 0.5224, 0.2651



0.8353, 0.4876, 0.2460

Previews

White Background



This preview shows how the Yxy color 76.2099, 0.3023, 0.3194 looks on a white background.

Color Contrast Check

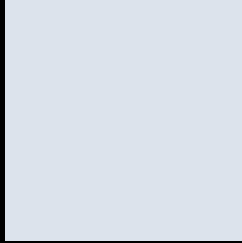
Large Text (above 18pt) WCAG AA × Fail

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 76.2099, 0.3023, 0.3194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

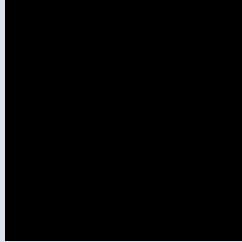
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

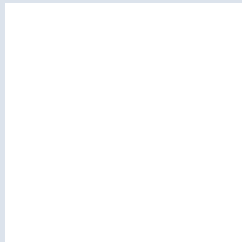
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2099, 0.3023, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 76.2099, 0.3023, 0.3194.

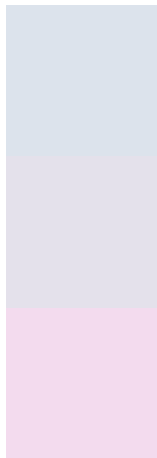


This preview shows how white text looks on a background with the Yxy color 76.2099, 0.3023, 0.3194.

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

76.2099, 0.3023, 0.3194

Protanopia

76.3426, 0.3084, 0.3185

Deuteranopia

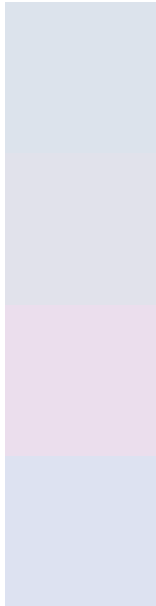
75.8908, 0.3172, 0.3097



Tritanopia

76.2965, 0.2980, 0.3100

Trichromacy



Original Color

76.2099, 0.3023, 0.3194

Protanomaly

76.3984, 0.3063, 0.3195

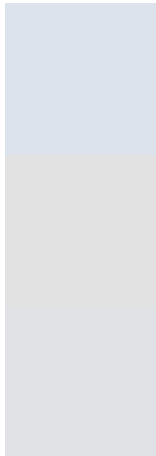
Deuteranomaly

76.0191, 0.3120, 0.3135

Tritanomaly

76.1157, 0.2999, 0.3131

Monochromacy



Original Color

76.2099, 0.3023, 0.3194

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.9532, 0.3088, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2099, 0.3023, 0.3194 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(220, 227, 236)` looks like.

```
.text, #text, p{  
    color:rgb(220, 227, 236)  
}
```

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(220, 227, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 227, 236) }
```

Border

The CSS property to change the border of an element to Yxy 76.2099, 0.3023, 0.3194 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(220, 227, 236) }
```

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

```
.border{ border-color:rgb(220, 227, 236) }
```

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

Here you see how a box with a 4 pixel rgb(220, 227, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 227, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 227, 236);  
box-shadow:4px 4px 4px 4px rgb(220, 227,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2099, 0.3023, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 227, 236) }
```

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

```
.background{ background-color: rgb(220,  
227, 236) }
```

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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