

Converting Colors

$Yxy(76.2562, 0.3094, 0.3345)$

Have a look what the booklet for
Yxy(76.2562, 0.3094, 0.3345)
contains.

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Color

Yxy(76.4805, 0.3090, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	DBE5E0
RGB	219, 229, 224
RGB Percent	86%, 90%, 88%
CMY	0.1414, 0.1019, 0.1216
CMYK	0.04, 0.00, 0.02, 0.10
HSL	150°, 16%, 88%
HSV	150°, 4%, 90%
XYZ	70.6713, 76.4805, 81.5579
YIQ	225.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

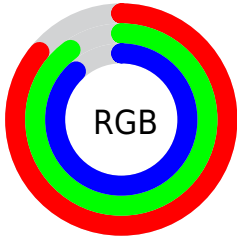
Format	Color
R _Y B	219, 226, 229
Decimal	14411232
CIE Lab	90.08, -4.28, 1.27
CIE LCh	90, 4.461, 163.522
Yxy	76.4805, 0.3090, 0.3344
Android (android.graphics.Color)	4292601312 (0xFFD _B E5E0)
YUV	225.4400, -0.7099, -5.6479
Hunter-Lab	87.4531, -8.7963, 5.9240

Details

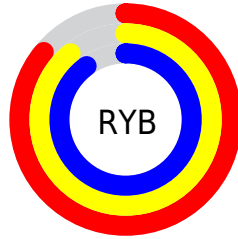
The Yxy color **76.4805, 0.3090, 0.3344** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.6682, 0.3166, 0.3237**, and the grayscale version is **75.6304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0292, 0.3080, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **72.5760, 0.3007, 0.3477**, and if you desaturate by 10%, it is **80.9216, 0.3174, 0.3225**.

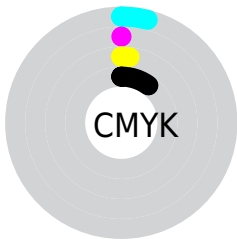
Distribution



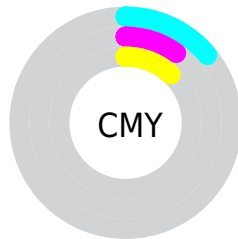
- Red (86%)
- Green (90%)
- Blue (88%)



- Red (86%)
- Yellow (89%)
- Blue (90%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (10%)



- Cyan (14%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4805, 0.3090, 0.3344 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 76.4805, 0.3090, 0.3344 by changing the saturation by 10% instead.

■ 76.4805, 0.3090,
0.3344

■ 76.4805, 0.3090,
0.3344

482.9910, 0.3107,
0.3319

■ 56.8266, 0.3086,
0.3350

128.4059, 0.3096,
0.3335

■ 40.8660, 0.3081,
0.3357

161.4462, 0.3098,
0.3332

■ 28.2144, 0.3075,
0.3365

199.7174, 0.3100,
0.3329

■ 18.4874, 0.3067,
0.3377

243.6039, 0.3102,
0.3327

■ 11.3004, 0.3056,
0.3393

293.4901, 0.3104,
0.3324

■ 6.2693, 0.3041,
0.3415

349.7604, 0.3105,

■ 3.0095, 0.3017,

0.3323

0.3451

412.7992, 0.3106,
0.3321

■ 1.1367, 0.2973,
0.3514

■ 0.0091, 0.0000,
1.0000

■ 76.4805, 0.3090,
0.3344

■ 76.4805, 0.3090,
0.3344

■ 72.5760, 0.3007,
0.3477

■ 80.9216, 0.3174,
0.3225

■ 69.1777, 0.2927,
0.3625

■ 84.0156, 0.3191,
0.3117

■ 66.2669, 0.2853,
0.3788

■ 84.5326, 0.3139,
0.3039

■ 63.8199, 0.2789,
0.3964

■ 61.8110, 0.2737,
0.4151

■ 60.2118, 0.2701,
0.4345

■ 58.9906, 0.2684,
0.4542

■ 58.1106, 0.2687,
0.4737

■ 57.5273, 0.2710,
0.4923

Harmonies

Analogous

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



76.4805, 0.3143, 0.3374



76.4805, 0.3090, 0.3344



76.4805, 0.3047, 0.3299

Triad

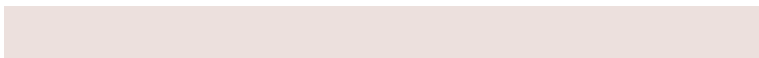
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4805, 0.3090, 0.3344



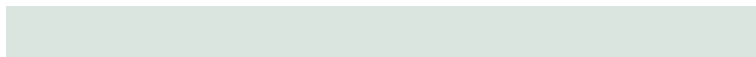
76.4805, 0.3062, 0.3200



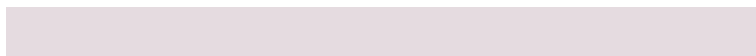
76.4805, 0.3230, 0.3327

Complementary

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



76.4805, 0.3090, 0.3344



72.6682, 0.3166, 0.3237

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.



76.4805, 0.3208, 0.3281



76.4805, 0.3090, 0.3344



76.4805, 0.3111, 0.3208

Square

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



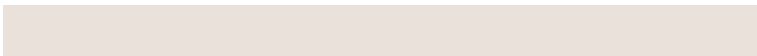
76.4805, 0.3090, 0.3344



76.4805, 0.3031, 0.3216



76.4805, 0.3164, 0.3237



76.4805, 0.3224, 0.3364

Rectangle

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



76.4805, 0.3090, 0.3344



76.4805, 0.3030, 0.3267



76.4805, 0.3164, 0.3237



76.4805, 0.3225, 0.3312

Sweetspot

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



76.4838, 0.3090, 0.3344



99.4381, 0.3119, 0.3302



77.0072, 0.3157, 0.3398



21.2898, 0.3119, 0.3301



0.0000, 0.0000, 0.0000



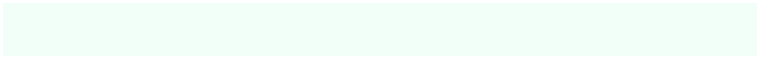
21.4041, 0.3127, 0.3290

Same Dimension

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



76.4838, 0.3090, 0.3344



97.2595, 0.3085, 0.3352



76.7605, 0.3059, 0.3290



16.5390, 0.3079, 0.3360



32.7725, 0.2721, 0.4995



2.4405, 0.2647, 0.4729

Inverse Universe

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



72.6682, 0.3166, 0.3237



91.7276, 0.3172, 0.3229



72.3997, 0.3200, 0.3290



15.4787, 0.3178, 0.3221



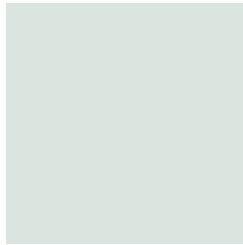
10.2429, 0.4964, 0.2508



0.7757, 0.4639, 0.2329

Previews

White Background



This preview shows how the Yxy color 76.4805, 0.3090, 0.3344 looks on a white background.

Color Contrast Check

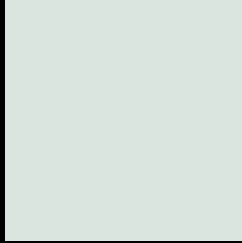
Large Text (above 18pt) WCAG AA × Fail

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 76.4805, 0.3090, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

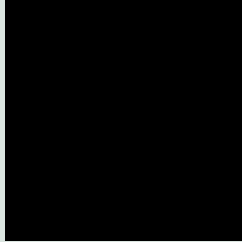
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

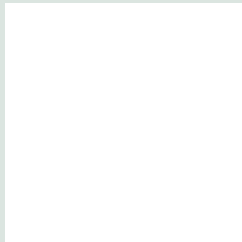
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4805, 0.3090, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 76.4805, 0.3090, 0.3344.

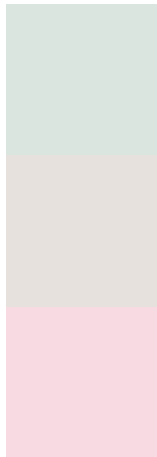


This preview shows how white text looks on a background with the Yxy color 76.4805, 0.3090, 0.3344.

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

76.4805, 0.3090, 0.3344

Protanopia

76.1133, 0.3189, 0.3322

Deuteranopia

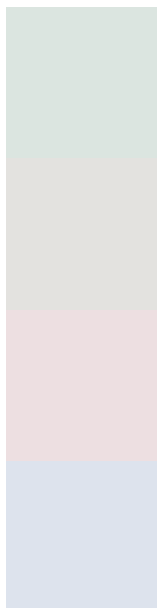
76.1105, 0.3289, 0.3219



Tritanopia

76.4540, 0.2987, 0.3101

Trichromacy



Original Color

76.4805, 0.3090, 0.3344

Protanomaly

76.0513, 0.3154, 0.3322

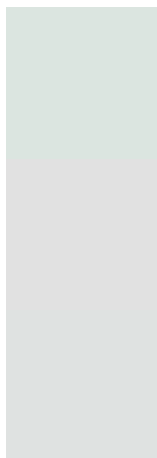
Deuteranomaly

76.2161, 0.3213, 0.3269

Tritanomaly

76.4247, 0.3023, 0.3184

Monochromacy



Original Color

76.4805, 0.3090, 0.3344

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.5169, 0.3113, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4805, 0.3090, 0.3344 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, 229, 224) looks like.

```
.text, #text, p{  
    color:rgb(219, 229, 224)  
}
```

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, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 229, 224) }
```

Border

The CSS property to change the border of an element to Yxy 76.4805, 0.3090, 0.3344 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, 229, 224) }
```

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

```
.border{ border-color:rgb(219, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 229, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 229, 224); box-shadow:4px 4px 4px 4px rgb(219, 229, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4805, 0.3090, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 229, 224) }
```

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

```
.background{ background-color: rgb(219,  
229, 224) }
```

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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