

Converting Colors

$Yxy(76.1921, 0.3094, 0.3169)$

Have a look what the booklet for
Yxy(76.1921, 0.3094, 0.3169)
contains.

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Color

Yxy(76.1904, 0.3091, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	E6E0EC
RGB	230, 224, 236
RGB Percent	90%, 88%, 93%
CMY	0.0983, 0.1214, 0.0746
CMYK	0.03, 0.05, 0.00, 0.07
HSL	270°, 24%, 90%
HSV	270°, 5%, 93%
XYZ	74.4090, 76.1904, 90.1285
YIQ	227.1620, -0.2760, 5.0040

Conversions

Conversions Part 2

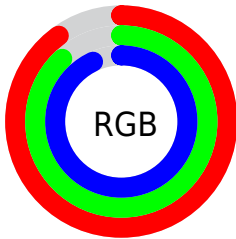
Format	Color
R _Y B	230, 224, 236
Decimal	15130860
CIE Lab	89.95, 4.15, -5.12
CIE LCh	90, 6.589, 309.038
Yxy	76.1904, 0.3091, 0.3165
Android (android.graphics.Color)	4293320940 (0xFFE6E0EC)
YUV	227.1620, 4.3571, 2.4889
Hunter-Lab	87.2871, -0.5878, -0.1191

Details

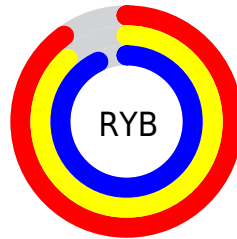
The Yxy color **76.1904, 0.3091, 0.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.2034, 0.3162, 0.3415**, and the grayscale version is **76.9024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7852, 0.3089, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **62.4641, 0.3010, 0.2902**, and if you desaturate by 10%, it is **91.8194, 0.3160, 0.3406**.

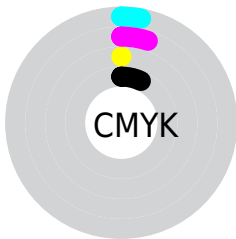
Distribution



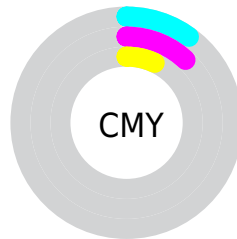
- Red (90%)
- Green (88%)
- Blue (93%)



- Red (90%)
- Yellow (88%)
- Blue (93%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (10%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1904, 0.3091, 0.3165 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 76.1904, 0.3091, 0.3165 by changing the saturation by 10% instead.

■ 76.1904, 0.3091,
0.3165

■ 76.1904, 0.3091,
0.3165

481.9992, 0.3108,
0.3222

■ 56.5886, 0.3087,
0.3152

127.9960, 0.3097,
0.3185

■ 40.6751, 0.3082,
0.3136

160.9687, 0.3099,
0.3192

■ 28.0653, 0.3076,
0.3117

199.1671, 0.3101,
0.3199

■ 18.3749, 0.3068,
0.3091

242.9756, 0.3103,
0.3205

■ 11.2195, 0.3058,
0.3056

292.7787, 0.3104,
0.3210

■ 6.2146, 0.3042,
0.3007

348.9608, 0.3106,

■ 2.9760, 0.3017,

0.3214

0.2932

411.9061, 0.3107,
0.3218

■ 1.1192, 0.2972,
0.2803

■ 0.0000, 0.2142,
0.0000

■ 76.1904, 0.3091,
0.3165

■ 76.1904, 0.3091,
0.3165

■ 62.4641, 0.3010,
0.2902

■ 91.8194, 0.3160,
0.3406

■ 50.5561, 0.2917,
0.2620

■ 98.6174, 0.3231,
0.3474

■ 40.3896, 0.2810,
0.2324

■ 98.8352, 0.3238,
0.3474

■ 31.8789, 0.2691,
0.2024

■ 24.9305, 0.2562,
0.1731

■ 19.4415, 0.2427,
0.1460

■ 15.2959, 0.2293,
0.1227

■ 12.3593, 0.2164,
0.1044

■ 10.4672, 0.2048,
0.0919

Harmonies

Analogous

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



76.1904, 0.3022, 0.3158



76.1904, 0.3091, 0.3165



76.1904, 0.3170, 0.3204

Triad

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



76.1904, 0.3091, 0.3165



76.1904, 0.3275, 0.3392



76.1904, 0.3017, 0.3314

Complementary

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



76.1904, 0.3091, 0.3165



82.2034, 0.3162, 0.3415

Split Complementary

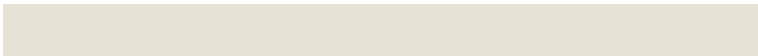
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1904, 0.3083, 0.3379



76.1904, 0.3091, 0.3165



76.1904, 0.3232, 0.3424

Square

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



76.1904, 0.3091, 0.3165



76.1904, 0.3277, 0.3334



76.1904, 0.3162, 0.3419



76.1904, 0.2980, 0.3243

Rectangle

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



76.1904, 0.3091, 0.3165



76.1904, 0.3218, 0.3244



76.1904, 0.3162, 0.3419



76.1904, 0.3036, 0.3337

Sweetspot

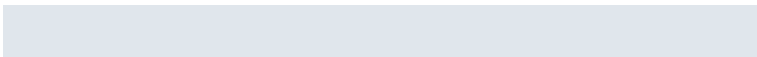
The Sweet Spot groups the original color and five complimentary colors.



76.1937, 0.3091, 0.3165



96.3021, 0.3113, 0.3241



78.6163, 0.3049, 0.3229



20.6514, 0.3114, 0.3244



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.



76.1937, 0.3091, 0.3165



89.1824, 0.3084, 0.3141



77.1792, 0.3132, 0.3167



15.7676, 0.3079, 0.3125



5.4761, 0.2011, 0.0882



0.4871, 0.2162, 0.0965

Inverse Universe

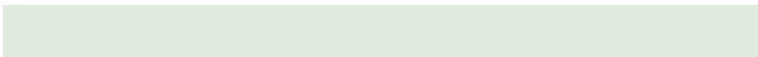
The Inverse Universe completely reimagines the original color for something new.



76.8762, 0.3171, 0.3227



90.1472, 0.3180, 0.3215



81.2496, 0.3123, 0.3416



15.9569, 0.3186, 0.3208



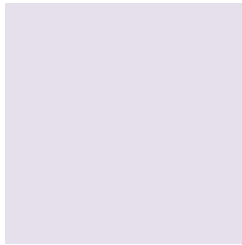
10.5985, 0.4927, 0.2488



0.8517, 0.4625, 0.2321

Previews

White Background



This preview shows how the Yxy color 76.1904, 0.3091, 0.3165 looks on a white background.

Color Contrast Check

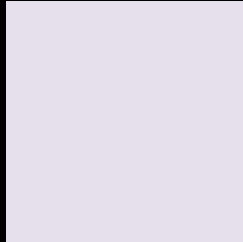
Large Text (above 18pt) WCAG AA × Fail

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 76.1904, 0.3091, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

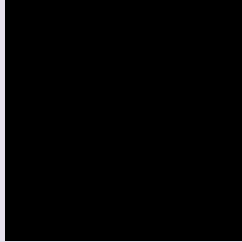
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

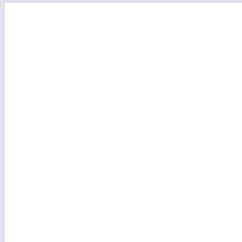
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1904, 0.3091, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 76.1904, 0.3091, 0.3165.

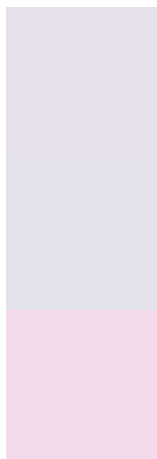


This preview shows how white text looks on a background with the Yxy color 76.1904, 0.3091, 0.3165.

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

76.1904, 0.3091, 0.3165

Protanopia

76.2374, 0.3071, 0.3174

Deuteranopia

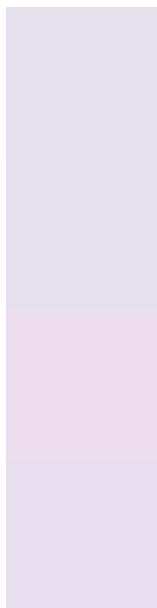
75.8321, 0.3178, 0.3107



Tritanopia

76.1152, 0.3067, 0.3103

Trichromacy



Original Color

76.1904, 0.3091, 0.3165

Protanomaly

76.4005, 0.3077, 0.3175

Deuteranomaly

76.0045, 0.3142, 0.3126

Tritanomaly

75.9963, 0.3079, 0.3124

Monochromacy



Original Color

76.1904, 0.3091, 0.3165

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5999, 0.3115, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1904, 0.3091, 0.3165 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(230, 224, 236)` looks like.

```
.text, #text, p{  
    color:rgb(230, 224, 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(230, 224, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 224, 236) }
```

Border

The CSS property to change the border of an element to Yxy 76.1904, 0.3091, 0.3165 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(230, 224, 236) }
```

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

```
.border{ border-color:rgb(230, 224, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 224, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 224, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 224, 236);  
box-shadow:4px 4px 4px 4px rgb(230, 224,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1904, 0.3091, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 224, 236) }
```

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

```
.background{ background-color: rgb(230,  
224, 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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