

Converting Colors

$Y_{xy}(75.9640, 0.3140, 0.3118)$

Have a look what the booklet for
Yxy(75.9640, 0.3140, 0.3118)
contains.

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Color

Yxy(76.0631, 0.3135, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	EEDDEE
RGB	238, 221, 238
RGB Percent	93%, 87%, 93%
CMY	0.0667, 0.1333, 0.0665
CMYK	0.00, 0.07, 0.00, 0.07
HSL	300°, 33%, 90%
HSV	300°, 7%, 93%
XYZ	76.5515, 76.0631, 91.5687
YIQ	228.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

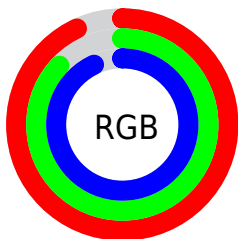
Format	Color
R _Y B	238, 221, 238
Decimal	15654382
CIE Lab	89.89, 8.79, -6.21
CIE LCh	90, 10.762, 324.725
Yxy	76.0631, 0.3135, 0.3115
Android (android.graphics.Color)	4293844462 (0xFFEEDDEE)
YUV	228.0210, 4.9196, 8.7516
Hunter-Lab	87.2142, 4.0520, -1.2004

Details

The Yxy color **76.0631, 0.3135, 0.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.7765, 0.3119, 0.3471**, and the grayscale version is **77.5628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5949, 0.3137, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **64.3618, 0.3146, 0.2865**, and if you desaturate by 10%, it is **89.5531, 0.3124, 0.3358**.

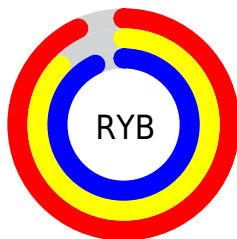
Distribution



Red (93%)

Green (87%)

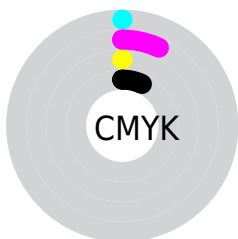
Blue (93%)



Red (93%)

Yellow (87%)

Blue (93%)

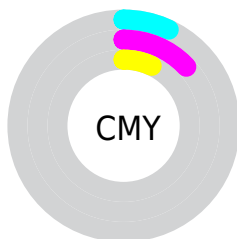


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0631, 0.3135, 0.3115 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 76.0631, 0.3135, 0.3115 by changing the saturation by 10% instead.


 76.0631, 0.3135,
0.3115

 76.0631, 0.3135,
0.3115


481.5637, 0.3132,
0.3194

 56.4843, 0.3136,
0.3097


127.8161, 0.3134,
0.3142

 40.5913, 0.3136,
0.3075


160.7590, 0.3134,
0.3153

 27.9999, 0.3137,
0.3048


198.9255, 0.3133,
0.3162

 18.3256, 0.3138,
0.3013

242.6998, 0.3133,
0.3170

 11.1840, 0.3139,
0.2966

292.4663, 0.3133,
0.3177

 6.1907, 0.3140,
0.2899

348.6096, 0.3132,

 2.9614, 0.3140,

0.3184

0.2799

411.5139, 0.3132,
0.3189

■ 1.1116, 0.3137,
0.2630

■ 0.0000, 0.3250,
0.0000

■ 76.0631, 0.3135,
0.3115

■ 76.0631, 0.3135,
0.3115

■ 64.3618, 0.3146,
0.2865

■ 89.5531, 0.3124,
0.3358

■ 54.3648, 0.3157,
0.2614


■ 95.8968, 0.3120,
0.3459


■ 45.9955, 0.3168,
0.2371

■ 95.9095, 0.3120,
0.3459


■ 39.1676, 0.3178,
0.2145


■ 95.9223, 0.3121,
0.3458


 33.7869, 0.3186,
0.1946

 95.9351, 0.3121,
0.3458

 29.7490, 0.3193,
0.1783

 95.9478, 0.3122,
0.3458


 26.9355, 0.3198,
0.1661

 95.9606, 0.3122,
0.3458

 25.2072, 0.3200,
0.1583

 95.9734, 0.3123,
0.3458

 24.3837, 0.3201,
0.1544

 95.9861, 0.3123,
0.3458

Harmonies

Analogous

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



76.0631, 0.3010, 0.3075



76.0631, 0.3135, 0.3115



76.0631, 0.3260, 0.3199

Triad

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



76.0631, 0.3135, 0.3115



76.0631, 0.3339, 0.3491



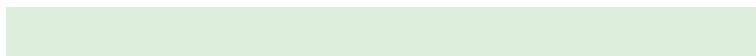
76.0631, 0.2909, 0.3266

Complementary

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



76.0631, 0.3135, 0.3115



81.7765, 0.3119, 0.3471

Split Complementary

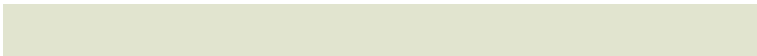
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0631, 0.2994, 0.3383



76.0631, 0.3135, 0.3115



76.0631, 0.3242, 0.3514

Square

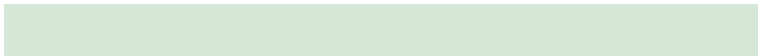
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0631, 0.3135, 0.3115



76.0631, 0.3380, 0.3414



76.0631, 0.3115, 0.3475



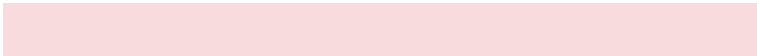
76.0631, 0.2881, 0.3159

Rectangle

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



76.0631, 0.3135, 0.3115



76.0631, 0.3326, 0.3271



76.0631, 0.3115, 0.3475



76.0631, 0.2932, 0.3305

Sweetspot

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



76.0664, 0.3135, 0.3115



96.7861, 0.3129, 0.3241



73.4136, 0.3017, 0.3111



20.7499, 0.3129, 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.



76.0664, 0.3135, 0.3115



86.2079, 0.3137, 0.3068



75.6023, 0.3190, 0.3199



16.0288, 0.3138, 0.3057



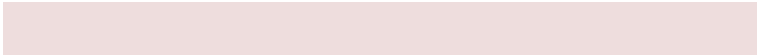
13.5152, 0.3202, 0.1537



1.1251, 0.3203, 0.1538

Inverse Universe

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



75.1233, 0.3249, 0.3290



84.8345, 0.3284, 0.3290



82.2181, 0.3069, 0.3383



15.7596, 0.3293, 0.3290



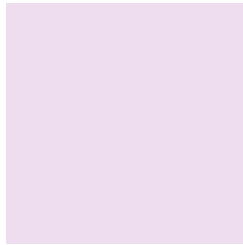
10.1423, 0.6397, 0.3298



0.8440, 0.6389, 0.3293

Previews

White Background



This preview shows how the Yxy color 76.0631, 0.3135, 0.3115 looks on a white background.

Color Contrast Check

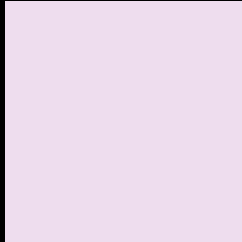
Large Text (above 18pt) WCAG AA × Fail

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 76.0631, 0.3135, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

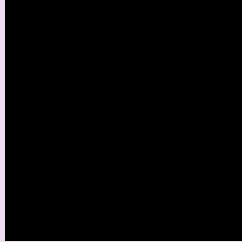
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

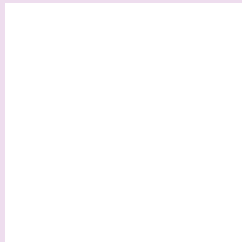
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0631, 0.3135, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 76.0631, 0.3135, 0.3115.



This preview shows how white text looks on a background with the Yxy color 76.0631, 0.3135, 0.3115.

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

76.0631, 0.3135, 0.3115

Protanopia

76.3104, 0.3039, 0.3133

Deuteranopia

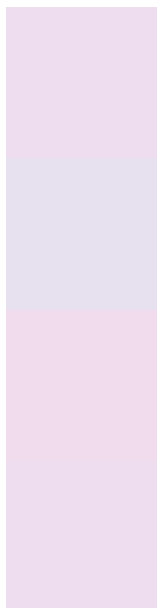
75.7133, 0.3165, 0.3096



Tritanopia

76.0631, 0.3135, 0.3115

Trichromacy



Original Color

76.0631, 0.3135, 0.3115

Protanomaly

76.3663, 0.3072, 0.3134

Deuteranomaly

76.0602, 0.3157, 0.3106

Tritanomaly

76.0631, 0.3135, 0.3115

Monochromacy



Original Color

76.0631, 0.3135, 0.3115

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.8324, 0.3131, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0631, 0.3135, 0.3115 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(238, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(238, 221, 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(238, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 221, 238) }
```

Border

The CSS property to change the border of an element to Yxy 76.0631, 0.3135, 0.3115 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(238, 221, 238) }
```

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

```
.border{ border-color:rgb(238, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 221,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0631, 0.3135, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 221, 238) }
```

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

```
.background{ background-color: rgb(238,  
221, 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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