

Converting Colors

$Y_{xy}(76.5764, 0.3139, 0.3127)$

Have a look what the booklet for
Yxy(76.5764, 0.3139, 0.3127)
contains.

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Color

Yxy(76.5927, 0.3135, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	EEDEEE
RGB	238, 222, 238
RGB Percent	93%, 87%, 93%
CMY	0.0666, 0.1294, 0.0667
CMYK	0.00, 0.07, 0.00, 0.07
HSL	300°, 32%, 90%
HSV	300°, 7%, 93%
XYZ	76.8132, 76.5927, 91.6123
YIQ	228.6080, 4.4000, 8.3680

Conversions

Conversions Part 2

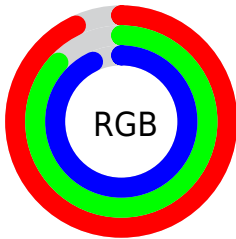
Format	Color
R _Y B	238, 222, 238
Decimal	15654638
CIE Lab	90.13, 8.26, -5.82
CIE LCh	90, 10.104, 324.817
Yxy	76.5927, 0.3135, 0.3126
Android (android.graphics.Color)	4293844718 (0xFFEEDEEE)
YUV	228.6080, 4.6303, 8.2368
Hunter-Lab	87.5173, 3.5129, -0.8022

Details

The Yxy color $76.5927, 0.3135, 0.3126$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81.9588, 0.3119, 0.3460$, and the grayscale version is $78.0166, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.9599, 0.3136, 0.3092$ is the 20% darker color. If you saturate the color by 10%, you get $64.8306, 0.3147, 0.2876$, and if you desaturate by 10%, it is $90.1460, 0.3123, 0.3368$.

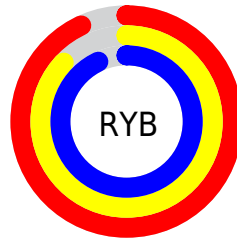
Distribution



Red (93%)

Green (87%)

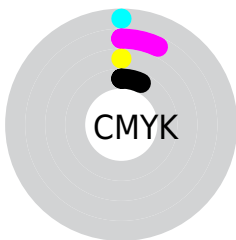
Blue (93%)



Red (93%)

Yellow (87%)

Blue (93%)

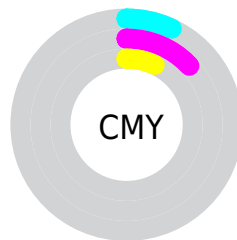


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5927, 0.3135, 0.3126 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 76.5927, 0.3135, 0.3126 by changing the saturation by 10% instead.


 76.5927, 0.3135,
0.3126

 76.5927, 0.3135,
0.3126


483.3742, 0.3132,
0.3200

 56.9186, 0.3136,
0.3109


128.5644, 0.3134,
0.3152

 40.9399, 0.3136,
0.3089


161.6308, 0.3134,
0.3162

 28.2722, 0.3137,
0.3063


199.9301, 0.3133,
0.3170

 18.5309, 0.3138,
0.3031

243.8467, 0.3133,
0.3178

 11.3318, 0.3139,
0.2986

293.7651, 0.3133,
0.3184

 6.2905, 0.3140,
0.2924

350.0695, 0.3132,

 3.0225, 0.3141,

0.3190

0.2830

413.1444, 0.3132,
0.3196

■ 1.1435, 0.3140,
0.2672

■ 0.0148, 0.3300,
0.0227

■ 76.5927, 0.3135,
0.3126

■ 76.5927, 0.3135,
0.3126

■ 64.8306, 0.3147,
0.2876

■ 90.1460, 0.3123,
0.3368

■ 54.7754, 0.3159,
0.2626

■ 95.8742, 0.3119,
0.3459

■ 46.3509, 0.3171,
0.2383

■ 95.8760, 0.3119,
0.3458

■ 39.4711, 0.3182,
0.2156

■ 95.8778, 0.3119,
0.3458

34.0424, 0.3191,
0.1957

95.8796, 0.3118,
0.3458

29.9607, 0.3200,
0.1793

95.8814, 0.3118,
0.3457

27.1084, 0.3206,
0.1670

95.8832, 0.3118,
0.3457

25.3476, 0.3210,
0.1590

95.8851, 0.3118,
0.3457

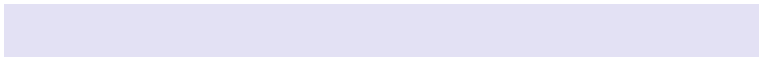
24.5035, 0.3212,
0.1551

95.8869, 0.3118,
0.3456

Harmonies

Analogous

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



76.5927, 0.3018, 0.3088



76.5927, 0.3135, 0.3126



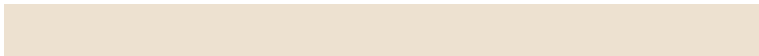
76.5927, 0.3252, 0.3205

Triad

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



76.5927, 0.3135, 0.3126



76.5927, 0.3326, 0.3478



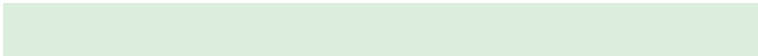
76.5927, 0.2922, 0.3267

Complementary

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



76.5927, 0.3135, 0.3126



81.9588, 0.3119, 0.3460

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.



76.5927, 0.3002, 0.3376



76.5927, 0.3135, 0.3126



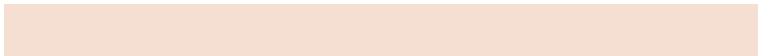
76.5927, 0.3235, 0.3500

Square

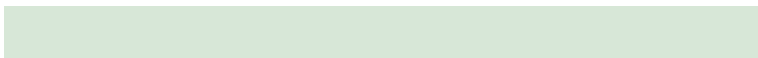
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5927, 0.3135, 0.3126



76.5927, 0.3363, 0.3407



76.5927, 0.3116, 0.3462



76.5927, 0.2897, 0.3167

Rectangle

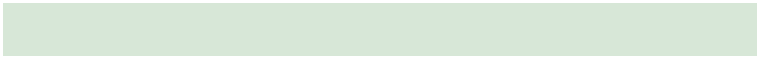
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5927, 0.3135, 0.3126



76.5927, 0.3314, 0.3272



76.5927, 0.3116, 0.3462



76.5927, 0.2944, 0.3304

Sweetspot

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



76.5960, 0.3135, 0.3126



96.7887, 0.3129, 0.3242



73.9494, 0.3024, 0.3120



20.7504, 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.



76.5960, 0.3135, 0.3126



87.6662, 0.3137, 0.3094



76.1373, 0.3188, 0.3207



16.0311, 0.3138, 0.3058



13.5750, 0.3212, 0.1543



1.1294, 0.3212, 0.1543

Inverse Universe

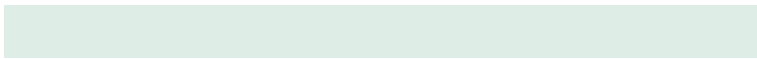
The Inverse Universe completely reimagines the original color for something new.



76.5960, 0.3135, 0.3126



87.6662, 0.3137, 0.3094



82.3969, 0.3071, 0.3374



16.0311, 0.3138, 0.3058



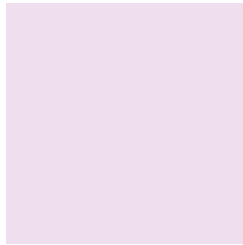
13.5750, 0.3212, 0.1543



1.1294, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 76.5927, 0.3135, 0.3126 looks on a white background.

Color Contrast Check

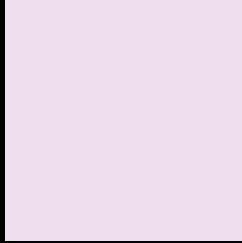
Large Text (above 18pt) WCAG AA × Fail

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 76.5927, 0.3135, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

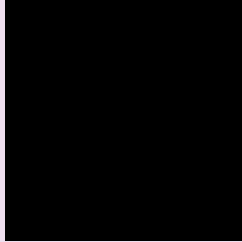
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

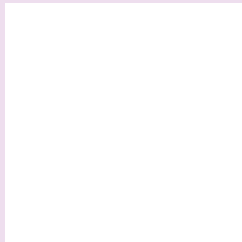
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5927, 0.3135, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 76.5927, 0.3135, 0.3126.

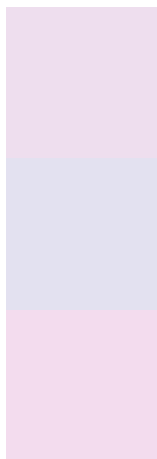


This preview shows how white text looks on a background with the Yxy color 76.5927, 0.3135, 0.3126.

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

76.5927, 0.3135, 0.3126

Protanopia

76.4726, 0.3045, 0.3133

Deuteranopia

76.4141, 0.3171, 0.3107



Tritanopia

76.6517, 0.3128, 0.3116

Trichromacy



Original Color

76.5927, 0.3135, 0.3126

Protanomaly

76.5322, 0.3079, 0.3134

Deuteranomaly

76.5867, 0.3156, 0.3117

Tritanomaly

76.6517, 0.3128, 0.3116

Monochromacy



Original Color

76.5927, 0.3135, 0.3126

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.3747, 0.3130, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5927, 0.3135, 0.3126 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, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(238, 222, 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, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 222, 238) }
```

Border

The CSS property to change the border of an element to Yxy 76.5927, 0.3135, 0.3126 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, 222, 238) }
```

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

```
.border{ border-color:rgb(238, 222, 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, 222, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(238, 222,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5927, 0.3135, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 222, 238) }
```

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

```
.background{ background-color: rgb(238,  
222, 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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