

Converting Colors

$Y_{xy}(79.2782, 0.3127, 0.3138)$

Have a look what the booklet for
Yxy(79.2782, 0.3127, 0.3138)
contains.

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Color

Yxy(79.2689, 0.3127, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	F0E2F1
RGB	240, 226, 241
RGB Percent	94%, 89%, 95%
CMY	0.0591, 0.1136, 0.0549
CMYK	0.00, 0.06, 0.00, 0.05
HSL	296°, 35%, 92%
HSV	296°, 6%, 95%
XYZ	78.9910, 79.2689, 94.3497
YIQ	231.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

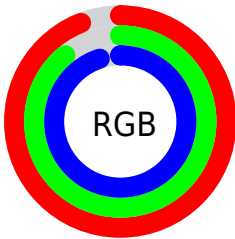
Format	Color
R_{YB}	240, 226, 241
Decimal	15786737
CIE Lab	91.36, 7.35, -5.58
CIE LCh	91, 9.228, 322.815
Yxy	79.2689, 0.3127, 0.3138
Android (android.graphics.Color)	4293976817 (0xFFFF0E2F1)
YUV	231.8960, 4.4883, 7.1072
Hunter-Lab	89.0331, 2.5591, -0.5073

Details

The Yxy color **79.2689, 0.3127, 0.3138** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.7439, 0.3127, 0.3446**, and the grayscale version is **80.5743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8189, 0.3127, 0.3107** is the 20% darker color. If you saturate the color by 10%, you get **66.7753, 0.3125, 0.2886**, and if you desaturate by 10%, it is **93.6142, 0.3127, 0.3380**.

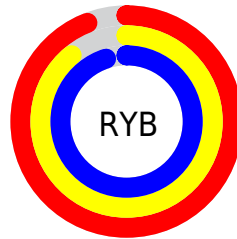
Distribution



Red (94%)

Green (89%)

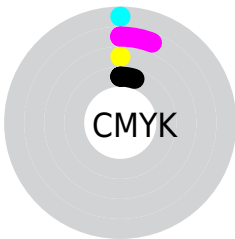
Blue (95%)



Red (94%)

Yellow (89%)

Blue (95%)

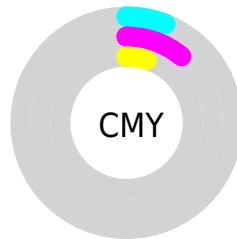


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (6%)


Magenta (11%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2689, 0.3127, 0.3138 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 79.2689, 0.3127, 0.3138 by changing the saturation by 10% instead.


 79.2689, 0.3127,
0.3138

 79.2689, 0.3127,
0.3138


492.4656, 0.3127,
0.3207

 59.1169, 0.3127,
0.3123


132.3374, 0.3127,
0.3161

 42.7072, 0.3127,
0.3104


166.0226, 0.3127,
0.3171

 29.6555, 0.3126,
0.3081


204.9878, 0.3127,
0.3179

 19.5772, 0.3126,
0.3051

249.6172, 0.3127,
0.3186

 12.0881, 0.3125,
0.3011

300.2953, 0.3127,
0.3192

 6.8037, 0.3123,
0.2955

357.4064, 0.3127,

 3.3396, 0.3119,

0.3197

0.2871

421.3351, 0.3127,
0.3202

■ 1.3115, 0.3112,
0.2731

■ 0.1501, 0.3141,
0.1464

■ 79.2689, 0.3127,
0.3138

■ 79.2689, 0.3127,
0.3138

■ 66.7753, 0.3125,
0.2886

■ 93.6142, 0.3127,
0.3380

■ 56.0468, 0.3122,
0.2630

■ 96.9861, 0.3135,
0.3428

■ 47.0049, 0.3116,
0.2378

■ 97.2912, 0.3146,
0.3427

■ 39.5616, 0.3108,
0.2140

■ 97.5991, 0.3157,
0.3427

■ 33.6206, 0.3098,
0.1926

■ 97.9099, 0.3167,
0.3426

■ 29.0754, 0.3085,
0.1745

■ 98.2234, 0.3178,
0.3426

■ 25.8054, 0.3070,
0.1605

■ 98.5399, 0.3189,
0.3425

■ 23.6695, 0.3054,
0.1509

■ 98.8591, 0.3200,
0.3425

■ 22.4926, 0.3036,
0.1456

■ 99.1305, 0.3209,
0.3425

Harmonies

Analogous

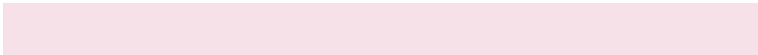
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2689, 0.3022, 0.3107



79.2689, 0.3127, 0.3138



79.2689, 0.3234, 0.3208

Triad

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



79.2689, 0.3127, 0.3138



79.2689, 0.3310, 0.3457



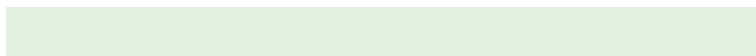
79.2689, 0.2945, 0.3276

Complementary

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



79.2689, 0.3127, 0.3138



84.7439, 0.3127, 0.3446

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.



79.2689, 0.3020, 0.3374



79.2689, 0.3127, 0.3138



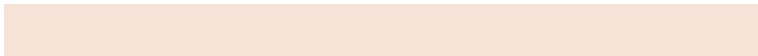
79.2689, 0.3231, 0.3479

Square

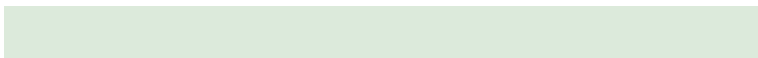
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2689, 0.3127, 0.3138



79.2689, 0.3340, 0.3390



79.2689, 0.3125, 0.3449



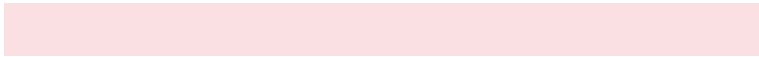
79.2689, 0.2919, 0.3184

Rectangle

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



79.2689, 0.3127, 0.3138



79.2689, 0.3291, 0.3268



79.2689, 0.3125, 0.3449



79.2689, 0.2966, 0.3310

Sweetspot

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



79.2723, 0.3127, 0.3138



96.7208, 0.3127, 0.3241



77.6125, 0.3032, 0.3147



20.7366, 0.3127, 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.



79.2723, 0.3127, 0.3138



88.8967, 0.3127, 0.3118



79.0916, 0.3175, 0.3201



16.4950, 0.3127, 0.3104



12.0594, 0.3032, 0.1444



1.0201, 0.3057, 0.1458

Inverse Universe

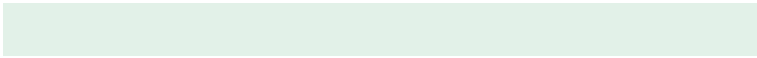
The Inverse Universe completely reimagines the original color for something new.



78.6583, 0.3225, 0.3279



88.1126, 0.3239, 0.3278



84.9210, 0.3082, 0.3381



16.3372, 0.3249, 0.3277



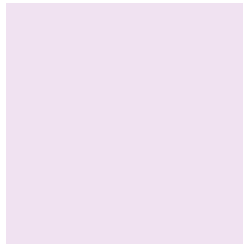
10.1700, 0.6325, 0.3258



0.8523, 0.6138, 0.3155

Previews

White Background



This preview shows how the Yxy color 79.2689, 0.3127, 0.3138 looks on a white background.

Color Contrast Check

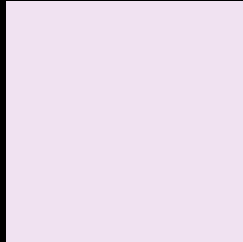
Large Text (above 18pt) WCAG AA × Fail

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 79.2689, 0.3127, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

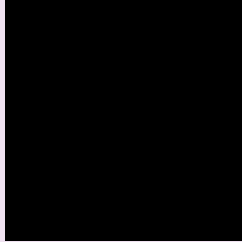
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

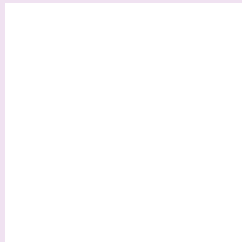
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2689, 0.3127, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 79.2689, 0.3127, 0.3138.



This preview shows how white text looks on a background with the Yxy color 79.2689, 0.3127, 0.3138.

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

79.2689, 0.3127, 0.3138

Protanopia

79.4986, 0.3053, 0.3146

Deuteranopia

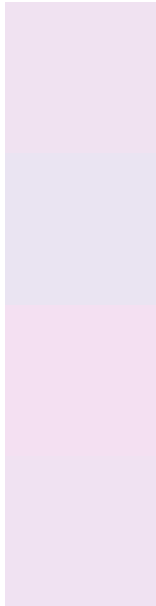
78.9603, 0.3171, 0.3100



Tritanopia

79.3890, 0.3115, 0.3118

Trichromacy



Original Color

79.2689, 0.3127, 0.3138

Protanomaly

79.3900, 0.3079, 0.3146

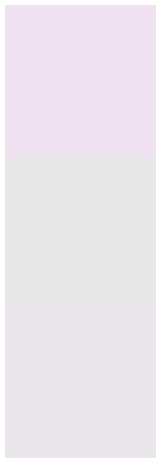
Deuteranomaly

78.9552, 0.3150, 0.3109

Tritanomaly

79.3288, 0.3121, 0.3128

Monochromacy



Original Color

79.2689, 0.3127, 0.3138

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.2540, 0.3130, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2689, 0.3127, 0.3138 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(240, 226, 241)` looks like.

```
.text, #text, p{  
    color:rgb(240, 226, 241)  
}
```

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(240, 226, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 226, 241) }
```

Border

The CSS property to change the border of an element to Yxy 79.2689, 0.3127, 0.3138 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(240, 226, 241) }
```

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

```
.border{ border-color:rgb(240, 226, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 226, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 226, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 226, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 226,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2689, 0.3127, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 226, 241) }
```

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

```
.background{ background-color: rgb(240,  
226, 241) }
```

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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