

Converting Colors

$Yxy(78.0728, 0.3115, 0.3107)$

Have a look what the booklet for
Yxy(78.0728, 0.3115, 0.3107)
contains.

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Color

Yxy(78.0728, 0.3115, 0.3107)

Conversions

Conversions Part 1

Format	Color
Hex	EFE0F2
RGB	239, 224, 242
RGB Percent	94%, 88%, 95%
CMY	0.0628, 0.1215, 0.0510
CMYK	0.01, 0.07, 0.00, 0.05
HSL	290°, 41%, 91%
HSV	290°, 7%, 95%
XYZ	78.2738, 78.0728, 94.9337
YIQ	230.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

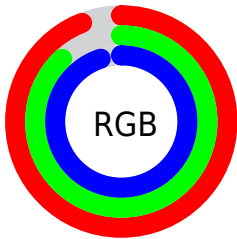
Format	Color
R_{YB}	239, 224, 242
Decimal	15720690
CIE _{Lab}	90.81, 8.26, -6.91
CIE _{LCh}	91, 10.769, 320.117
Yxy	78.0728, 0.3115, 0.3107
Android (android.graphics.Color)	4293910770 (0xFFEFE0F2)
YUV	230.5370, 5.6513, 7.4221
Hunter-Lab	88.3588, 3.4987, -1.8507

Details

The Yxy color `78.0728, 0.3115, 0.3107` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85.2082, 0.3138, 0.3478`, and the grayscale version is `79.5052, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.9884, 0.3111, 0.3067` is the 20% darker color. If you saturate the color by 10%, you get `65.2869, 0.3095, 0.2851`, and if you desaturate by 10%, it is `92.7320, 0.3131, 0.3352`.

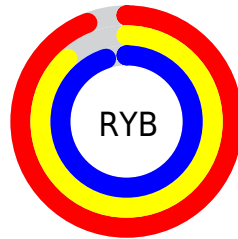
Distribution



Red (94%)

Green (88%)

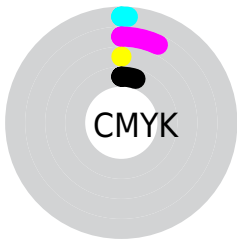
Blue (95%)



Red (94%)

Yellow (88%)

Blue (95%)

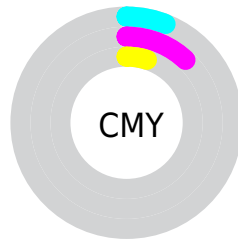


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (5%)



Cyan (6%)


Magenta (12%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.0728, 0.3115, 0.3107 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 78.0728, 0.3115, 0.3107 by changing the saturation by 10% instead.


 78.0728, 0.3115,
0.3107

 78.0728, 0.3115,
0.3107


488.4140, 0.3121,
0.3190

 58.1338, 0.3114,
0.3089


130.6527, 0.3117,
0.3135

 41.9162, 0.3112,
0.3066

164.0625, 0.3118,
0.3146

 29.0357, 0.3109,
0.3038


202.7312, 0.3119,
0.3156

 19.1078, 0.3106,
0.3002

247.0433, 0.3119,
0.3164

 11.7482, 0.3101,
0.2954

297.3833, 0.3120,
0.3172

 6.5725, 0.3094,
0.2886

354.1355, 0.3120,

 3.1962, 0.3082,

0.3178

0.2785

417.6843, 0.3121,
0.3184

■ 1.2350, 0.3059,
0.2616

■ 0.0900, 0.2999,
0.0940

■ 78.0728, 0.3115,
0.3107

■ 78.0728, 0.3115,
0.3107

■ 65.2869, 0.3095,
0.2851

■ 92.7320, 0.3131,
0.3352

■ 54.2865, 0.3070,
0.2588

■ 97.7132, 0.3153,
0.3417

■ 44.9913, 0.3041,
0.2327

■ 98.4543, 0.3178,
0.3416

■ 37.3115, 0.3007,
0.2076

■ 99.1898, 0.3203,
0.3415

■ 31.1485, 0.2969,
0.1848

■ 26.3932, 0.2927,
0.1652

■ 22.9216, 0.2884,
0.1496

■ 20.5880, 0.2839,
0.1386

■ 19.2006, 0.2795,
0.1321

Harmonies

Analogous

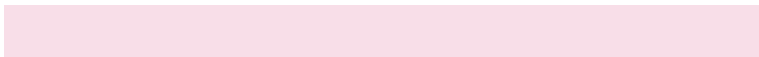
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.0728, 0.2994, 0.3075



78.0728, 0.3115, 0.3107



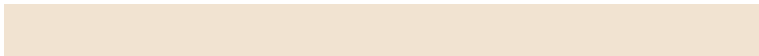
78.0728, 0.3241, 0.3185

Triad

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



78.0728, 0.3115, 0.3107



78.0728, 0.3348, 0.3480



78.0728, 0.2920, 0.3284

Complementary

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



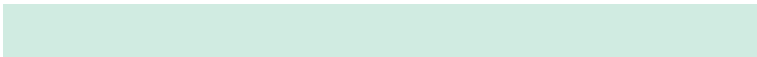
78.0728, 0.3115, 0.3107



85.2082, 0.3138, 0.3478

Split Complementary

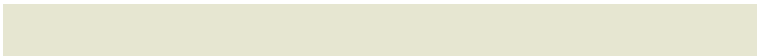
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0728, 0.3012, 0.3398



78.0728, 0.3115, 0.3107



78.0728, 0.3259, 0.3513

Square

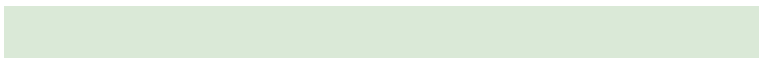
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0728, 0.3115, 0.3107



78.0728, 0.3378, 0.3398



78.0728, 0.3135, 0.3483



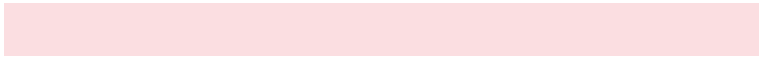
78.0728, 0.2883, 0.3174

Rectangle

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



78.0728, 0.3115, 0.3107



78.0728, 0.3311, 0.3254



78.0728, 0.3135, 0.3483



78.0728, 0.2945, 0.3323

Sweetspot

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



78.0762, 0.3115, 0.3107



96.6283, 0.3124, 0.3241



77.2008, 0.3013, 0.3133



20.7178, 0.3124, 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.



78.0762, 0.3115, 0.3107



85.5035, 0.3112, 0.3067



78.2475, 0.3175, 0.3168



15.8904, 0.3111, 0.3055



10.2177, 0.2791, 0.1311



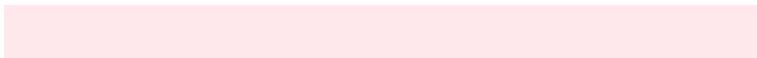
0.8850, 0.2849, 0.1343

Inverse Universe

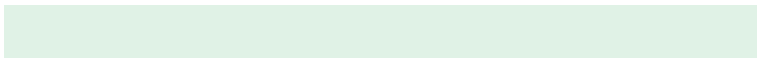
The Inverse Universe completely reimagines the original color for something new.



77.7381, 0.3234, 0.3260



85.0501, 0.3260, 0.3253



85.0564, 0.3082, 0.3415



15.8018, 0.3267, 0.3251



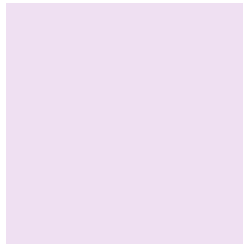
10.2378, 0.6156, 0.3165



0.8641, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 78.0728, 0.3115, 0.3107 looks on a white background.

Color Contrast Check

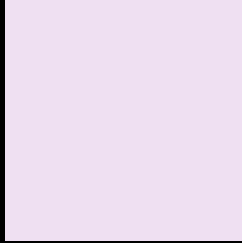
Large Text (above 18pt) WCAG AA × Fail

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 78.0728, 0.3115, 0.3107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

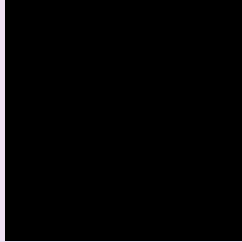
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

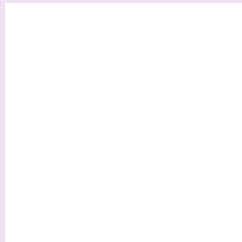
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0728, 0.3115, 0.3107

Background



This preview shows how black text looks on a background with the Yxy color 78.0728, 0.3115, 0.3107.



This preview shows how white text looks on a background with the Yxy color 78.0728, 0.3115, 0.3107.

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

78.0728, 0.3115, 0.3107

Protanopia

77.9638, 0.3027, 0.3114

Deuteranopia

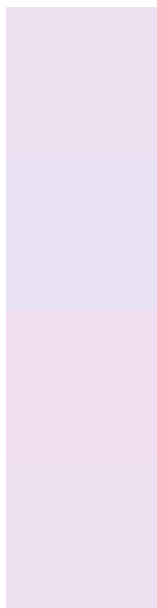
78.0658, 0.3158, 0.3089



Tritanopia

78.0728, 0.3115, 0.3107

Trichromacy



Original Color

78.0728, 0.3115, 0.3107

Protanomaly

78.0196, 0.3060, 0.3115

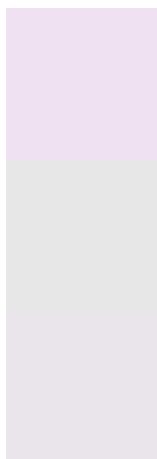
Deuteranomaly

78.2408, 0.3143, 0.3098

Tritanomaly

78.0728, 0.3115, 0.3107

Monochromacy



Original Color

78.0728, 0.3115, 0.3107

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

78.9774, 0.3124, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0728, 0.3115, 0.3107 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(239, 224, 242)` looks like.

```
.text, #text, p{  
    color:rgb(239, 224, 242)  
}
```

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(239, 224, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 224, 242) }
```

Border

The CSS property to change the border of an element to Yxy 78.0728, 0.3115, 0.3107 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(239, 224, 242) }
```

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

```
.border{ border-color:rgb(239, 224, 242) }
```

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

Here you see how a box with a 4 pixel rgb(239, 224, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 224, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 224, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 224,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0728, 0.3115, 0.3107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 224, 242) }
```

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

```
.background{ background-color: rgb(239,  
224, 242) }
```

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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