

Converting Colors

$Y_{xy}(71.8234, 0.3155, 0.3068)$

Have a look what the booklet for
Yxy(71.8234, 0.3155, 0.3068)
contains.

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Color

Yxy(71.5912, 0.3152, 0.3062)

Conversions

Conversions Part 1

Format	Color
Hex	EDD5EB
RGB	237, 213, 235
RGB Percent	93%, 84%, 92%
CMY	0.0709, 0.1646, 0.0785
CMYK	0.00, 0.10, 0.01, 0.07
HSL	305°, 40%, 88%
HSV	305°, 10%, 93%
XYZ	73.6954, 71.5912, 88.5187
YIQ	222.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

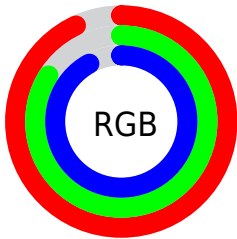
Format	Color
R _Y B	237, 213, 235
Decimal	15586795
CIE Lab	87.77, 12.05, -7.75
CIE LCh	88, 14.327, 327.274
Yxy	71.5912, 0.3152, 0.3062
Android (android.graphics.Color)	4293776875 (0xFFEDD5EB)
YUV	222.6840, 6.0718, 12.5551
Hunter-Lab	84.6116, 7.4006, -2.7997

Details

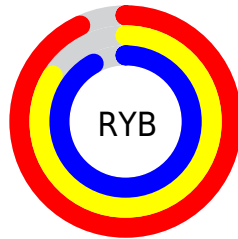
The Yxy color **71.5912, 0.3152, 0.3062** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.5849, 0.3103, 0.3529**, and the grayscale version is **73.5047, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5322, 0.3159, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **60.4199, 0.3179, 0.2830**, and if you desaturate by 10%, it is **84.5112, 0.3127, 0.3288**.

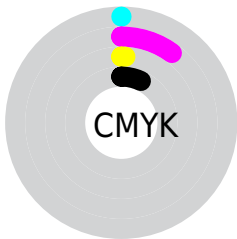
Distribution



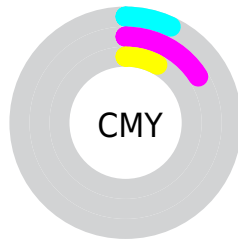
- Red (93%)
- Green (84%)
- Blue (92%)



- Red (93%)
- Yellow (84%)
- Blue (92%)



- Cyan (0%)
- Magenta (10%)
- Yellow (1%)
- Black (7%)





- Cyan (7%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5912, 0.3152, 0.3062 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 71.5912, 0.3152, 0.3062 by changing the saturation by 10% instead.

 71.5912, 0.3152,
0.3062

 71.5912, 0.3152,
0.3062


466.1175, 0.3141,
0.3166

 52.8248, 0.3154,
0.3039


121.4751, 0.3148,
0.3098

 37.6629, 0.3157,
0.3010


153.3615, 0.3147,
0.3112

 25.7212, 0.3160,
0.2974


190.3899, 0.3146,
0.3124

 16.6152, 0.3164,
0.2927

232.9449, 0.3145,
0.3134

 9.9605, 0.3169,
0.2864

281.4107, 0.3144,
0.3144

 5.3728, 0.3176,
0.2775

336.1718, 0.3143,

 2.4676, 0.3183,

0.3152

0.2638

397.6126, 0.3142,
0.3159

0.8603, 0.3192,
0.2405

0.0000, 0.1796,
0.0000

71.5912, 0.3152,
0.3062

71.5912, 0.3152,
0.3062

60.4199, 0.3179,
0.2830

84.5112, 0.3127,
0.3288

50.9128, 0.3209,
0.2597

95.7356, 0.3108,
0.3451

42.9924, 0.3242,
0.2373

95.8502, 0.3097,
0.3431

36.5712, 0.3275,
0.2165

95.9661, 0.3086,
0.3412

31.5535, 0.3309,
0.1985

96.0832, 0.3075,
0.3392

27.8324, 0.3342,
0.1841

96.2015, 0.3064,
0.3373

25.2858, 0.3374,
0.1740

96.3210, 0.3053,
0.3354

23.7681, 0.3403,
0.1682

96.4418, 0.3042,
0.3335

23.0352, 0.3429,
0.1662

96.5638, 0.3032,
0.3316

Harmonies

Analogous

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



71.5912, 0.2981, 0.3002



71.5912, 0.3152, 0.3062



71.5912, 0.3321, 0.3179

Triad

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



71.5912, 0.3152, 0.3062



71.5912, 0.3407, 0.3568



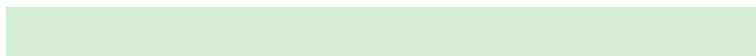
71.5912, 0.2825, 0.3242

Complementary

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



71.5912, 0.3152, 0.3062



79.5849, 0.3103, 0.3529

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.



71.5912, 0.2934, 0.3403



71.5912, 0.3152, 0.3062



71.5912, 0.3269, 0.3595

Square

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



71.5912, 0.3152, 0.3062



71.5912, 0.3470, 0.3467



71.5912, 0.3095, 0.3535



71.5912, 0.2796, 0.3100

Rectangle

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



71.5912, 0.3152, 0.3062



71.5912, 0.3407, 0.3275



71.5912, 0.3095, 0.3535



71.5912, 0.2854, 0.3296

Sweetspot

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



71.5943, 0.3152, 0.3062



95.1757, 0.3134, 0.3223



68.1050, 0.2980, 0.3030



20.1025, 0.3136, 0.3205



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.



71.5943, 0.3152, 0.3062



81.8470, 0.3157, 0.3017



70.9457, 0.3232, 0.3181



15.2914, 0.3150, 0.3076



12.5940, 0.3425, 0.1660



0.9952, 0.3392, 0.1642

Inverse Universe

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



71.5943, 0.3152, 0.3062



81.8470, 0.3157, 0.3017



80.2023, 0.3033, 0.3401



15.2914, 0.3150, 0.3076



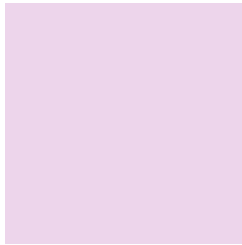
12.5940, 0.3425, 0.1660



0.9952, 0.3392, 0.1642

Previews

White Background



This preview shows how the Yxy color 71.5912, 0.3152, 0.3062 looks on a white background.

Color Contrast Check

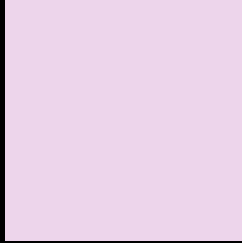
Large Text (above 18pt) WCAG AA × Fail

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 71.5912, 0.3152, 0.3062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

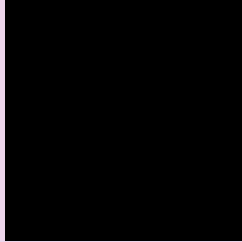
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5912, 0.3152, 0.3062

Background



This preview shows how black text looks on a background with the Yxy color 71.5912, 0.3152, 0.3062.



This preview shows how white text looks on a background with the Yxy color 71.5912, 0.3152, 0.3062.

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

71.5912, 0.3152, 0.3062

Protanopia

71.8962, 0.3004, 0.3086

Deuteranopia

71.7535, 0.3137, 0.3071



Tritanopia

71.6955, 0.3172, 0.3112

Trichromacy



Original Color

71.5912, 0.3152, 0.3062

Protanomaly

71.9089, 0.3059, 0.3078

Deuteranomaly

71.9242, 0.3145, 0.3072

Tritanomaly

71.7522, 0.3165, 0.3102

Monochromacy



Original Color

71.5912, 0.3152, 0.3062

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.7031, 0.3138, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5912, 0.3152, 0.3062 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(237, 213, 235)` looks like.

```
.text, #text, p{  
    color:rgb(237, 213, 235)  
}
```

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(237, 213, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 213, 235) }
```

Border

The CSS property to change the border of an element to Yxy 71.5912, 0.3152, 0.3062 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(237, 213, 235) }
```

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

```
.border{ border-color:rgb(237, 213, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 213, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 213, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 213, 235);  
box-shadow:4px 4px 4px 4px rgb(237, 213,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5912, 0.3152, 0.3062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 213, 235) }
```

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

```
.background{ background-color: rgb(237,  
213, 235) }
```

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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