

Converting Colors

$Y_{xy}(75.7100, 0.3121, 0.3115)$

Have a look what the booklet for
Yxy(75.7100, 0.3121, 0.3115)
contains.

Yxy(75.7188, 0.3121, 0.3115)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.7188, 0.3121, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	ECDDEE
RGB	236, 221, 238
RGB Percent	93%, 87%, 93%
CMY	0.0747, 0.1332, 0.0667
CMYK	0.01, 0.07, 0.00, 0.07
HSL	293°, 33%, 90%
HSV	293°, 7%, 93%
XYZ	75.8646, 75.7188, 91.4946
YIQ	227.4230, 3.4830, 8.4670

Conversions

Conversions Part 2

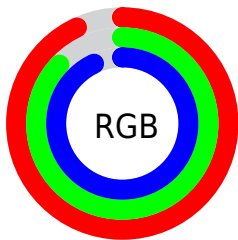
Format	Color
R _Y B	236, 221, 238
Decimal	15523310
CIE Lab	89.73, 8.08, -6.44
CIE LCh	90, 10.332, 321.445
Yxy	75.7188, 0.3121, 0.3115
Android (android.graphics.Color)	4293713390 (0xFFECDDEE)
YUV	227.4230, 5.2145, 7.5220
Hunter-Lab	87.0166, 3.3448, -1.4296

Details

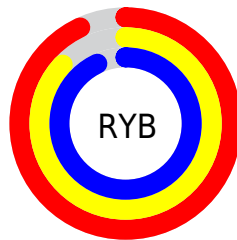
The Yxy color **75.7188, 0.3121, 0.3115** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.0629, 0.3132, 0.3470**, and the grayscale version is **77.0959, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3531, 0.3119, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **63.5440, 0.3110, 0.2861**, and if you desaturate by 10%, it is **89.6894, 0.3129, 0.3359**.

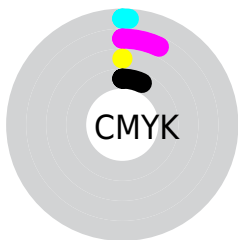
Distribution



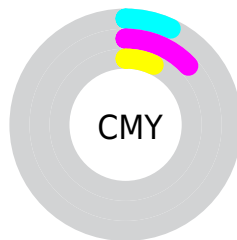
- Red (93%)
- Green (87%)
- Blue (93%)



- Red (93%)
- Yellow (87%)
- Blue (93%)



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




- Cyan (7%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7188, 0.3121, 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 75.7188, 0.3121, 0.3115 by changing the saturation by 10% instead.


 75.7188, 0.3121,
0.3115

 75.7188, 0.3121,
0.3115


480.3846, 0.3124,
0.3194

 56.2020, 0.3120,
0.3097


127.3293, 0.3122,
0.3142

 40.3649, 0.3119,
0.3075


160.1918, 0.3123,
0.3153

 27.8231, 0.3118,
0.3048


198.2716, 0.3123,
0.3162

 18.1924, 0.3115,
0.3013

241.9532, 0.3123,
0.3170

 11.0882, 0.3112,
0.2965

291.6209, 0.3124,
0.3177

 6.1262, 0.3108,
0.2898

347.6590, 0.3124,

 2.9220, 0.3099,

0.3184

0.2797

410.4521, 0.3124,
0.3189

■ 1.0911, 0.3082,
0.2625

■ 0.0000, 0.2878,
0.0000

■ 75.7188, 0.3121,
0.3115

■ 75.7188, 0.3121,
0.3115

■ 63.5440, 0.3110,
0.2861

■ 89.6894, 0.3129,
0.3359

■ 53.0805, 0.3095,
0.2602

■ 96.5133, 0.3142,
0.3458

■ 44.2519, 0.3077,
0.2345

■ 97.0244, 0.3160,
0.3457

■ 36.9719, 0.3056,
0.2102

■ 97.5434, 0.3178,
0.3456

■ 31.1464, 0.3031,
0.1881

■ 98.0705, 0.3196,
0.3455

■ 26.6710, 0.3003,
0.1693

■ 98.6056, 0.3215,
0.3455

■ 23.4274, 0.2973,
0.1546

■ 98.9523, 0.3226,
0.3454

■ 21.2764, 0.2942,
0.1444

■ 20.0384, 0.2911,
0.1385

Harmonies

Analogous

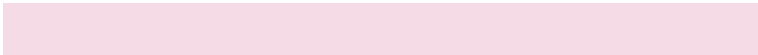
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7188, 0.3003, 0.3082



75.7188, 0.3121, 0.3115



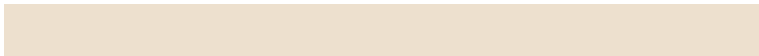
75.7188, 0.3243, 0.3192

Triad

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



75.7188, 0.3121, 0.3115



75.7188, 0.3338, 0.3477



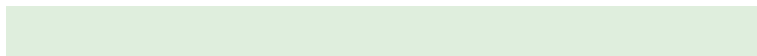
75.7188, 0.2924, 0.3279

Complementary

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



75.7188, 0.3121, 0.3115



82.0629, 0.3132, 0.3470

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.



75.7188, 0.3011, 0.3390



75.7188, 0.3121, 0.3115



75.7188, 0.3250, 0.3506

Square

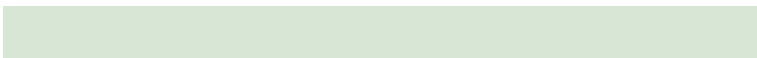
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7188, 0.3121, 0.3115



75.7188, 0.3370, 0.3399



75.7188, 0.3130, 0.3474



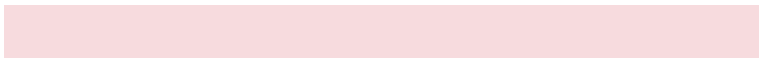
75.7188, 0.2890, 0.3174

Rectangle

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



75.7188, 0.3121, 0.3115



75.7188, 0.3309, 0.3260



75.7188, 0.3130, 0.3474



75.7188, 0.2947, 0.3317

Sweetspot

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



75.7221, 0.3121, 0.3115



96.6726, 0.3126, 0.3241



74.4780, 0.3018, 0.3134



20.7268, 0.3126, 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.



75.7221, 0.3121, 0.3115



85.7002, 0.3119, 0.3067



75.7149, 0.3176, 0.3179



15.9290, 0.3119, 0.3056



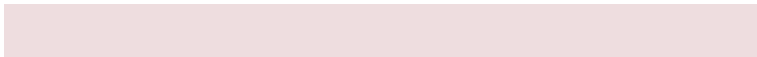
11.0685, 0.2907, 0.1375



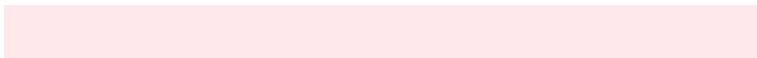
0.9478, 0.2949, 0.1398

Inverse Universe

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



75.2334, 0.3235, 0.3269



84.9890, 0.3267, 0.3263



82.0775, 0.3081, 0.3404



15.7898, 0.3274, 0.3262



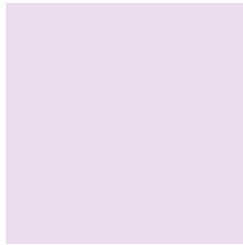
10.1995, 0.6250, 0.3217



0.8585, 0.5969, 0.3062

Previews

White Background



This preview shows how the Yxy color 75.7188, 0.3121, 0.3115 looks on a white background.

Color Contrast Check

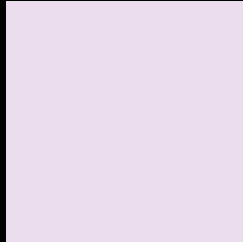
Large Text (above 18pt) WCAG AA × Fail

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 75.7188, 0.3121, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

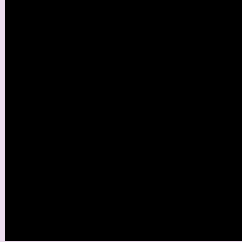
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

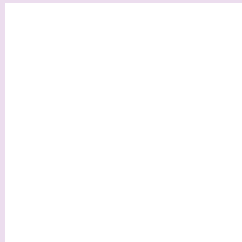
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7188, 0.3121, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 75.7188, 0.3121, 0.3115.



This preview shows how white text looks on a background with the Yxy color 75.7188, 0.3121, 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

75.7188, 0.3121, 0.3115

Protanopia

75.6101, 0.3032, 0.3122

Deuteranopia

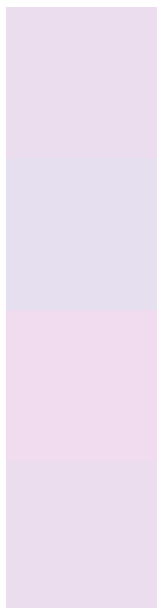
75.7133, 0.3165, 0.3096



Tritanopia

75.7188, 0.3121, 0.3115

Trichromacy



Original Color

75.7188, 0.3121, 0.3115

Protanomaly

75.6654, 0.3066, 0.3123

Deuteranomaly

75.8847, 0.3150, 0.3106

Tritanomaly

75.7188, 0.3121, 0.3115

Monochromacy



Original Color

75.7188, 0.3121, 0.3115

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4429, 0.3123, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7188, 0.3121, 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(236, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 221, 238) }
```

Border

The CSS property to change the border of an element to Yxy 75.7188, 0.3121, 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(236, 221, 238) }
```

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

```
.border{ border-color:rgb(236, 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(236, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(236, 221,  
238) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 75.7188, 0.3121, 0.3115$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 221, 238) }
```

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

```
.background{ background-color: rgb(236,  
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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