

Converting Colors

$Y_{xy}(75.9225, 0.3194, 0.3233)$

Have a look what the booklet for
Yxy(75.9225, 0.3194, 0.3233)
contains.

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Color

Yxy(75.8485, 0.3194, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	EDDEE4
RGB	237, 222, 228
RGB Percent	93%, 87%, 89%
CMY	0.0706, 0.1294, 0.1059
CMYK	0.00, 0.06, 0.04, 0.07
HSL	336°, 29%, 90%
HSV	336°, 6%, 93%
XYZ	75.0496, 75.8485, 84.0725
YIQ	227.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

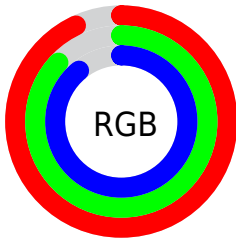
Format	Color
R _Y B	237, 222, 228
Decimal	15589092
CIE Lab	89.79, 6.15, -1.09
CIE LCh	90, 6.248, 349.975
Yxy	75.8485, 0.3194, 0.3228
Android (android.graphics.Color)	4293779172 (0xFFEDDEE4)
YUV	227.1690, 0.4097, 8.6218
Hunter-Lab	87.0910, 1.4108, 3.7287

Details

The Yxy color **75.8485, 0.3194, 0.3228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.8738, 0.3065, 0.3353**, and the grayscale version is **76.9404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4783, 0.3205, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **63.3748, 0.3318, 0.3125**, and if you desaturate by 10%, it is **90.1637, 0.3092, 0.3325**.

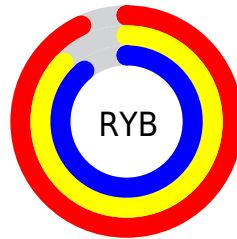
Distribution



Red (93%)

Green (87%)

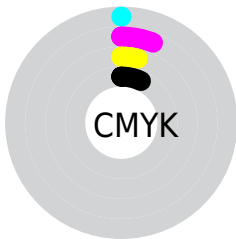
Blue (89%)



Red (93%)

Yellow (87%)

Blue (89%)

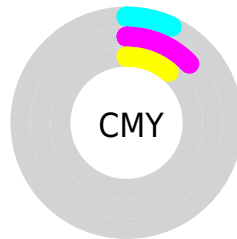


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.8485, 0.3194, 0.3228 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 75.8485, 0.3194, 0.3228 by changing the saturation by 10% instead.


 75.8485, 0.3194,
0.3228

 75.8485, 0.3194,
0.3228

480.8289, 0.3163,
0.3256

 56.3083, 0.3201,
0.3222


127.5127, 0.3183,
0.3238

 40.4502, 0.3209,
0.3214

160.4055, 0.3179,
0.3242

 27.8897, 0.3220,
0.3204


198.5180, 0.3176,
0.3245

 18.2425, 0.3234,
0.3191

242.2345, 0.3173,
0.3248

 11.1242, 0.3253,
0.3173

291.9395, 0.3170,
0.3250

 6.1505, 0.3281,
0.3148

348.0173, 0.3167,

 2.9368, 0.3323,

0.3253

0.3109

410.8523, 0.3165,
0.3255

■ 1.0988, 0.3398,
0.3041

■ 0.0000, 0.7167,
0.0000

■ 75.8485, 0.3194,
0.3228

■ 75.8485, 0.3194,
0.3228

■ 63.3748, 0.3318,
0.3125

■ 90.1637, 0.3092,
0.3325

■ 52.6578, 0.3470,
0.3018

■ 96.7457, 0.3017,
0.3290

■ 43.6204, 0.3652,
0.2909

■ 36.1764, 0.3869,
0.2806

■ 30.2315, 0.4123,
0.2716

■ 25.6814, 0.4408,
0.2651

■ 22.4083, 0.4716,
0.2625

■ 20.2748, 0.5027,
0.2648

■ 19.1093, 0.5320,
0.2725

Harmonies

Analogous

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



75.8485, 0.3120, 0.3182



75.8485, 0.3194, 0.3228



75.8485, 0.3250, 0.3291

Triad

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



75.8485, 0.3194, 0.3228



75.8485, 0.3205, 0.3420



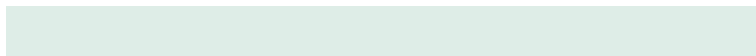
75.8485, 0.2983, 0.3223

Complementary

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



75.8485, 0.3194, 0.3228



81.8738, 0.3065, 0.3353

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.



75.8485, 0.3006, 0.3288



75.8485, 0.3194, 0.3228



75.8485, 0.3133, 0.3402

Square

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



75.8485, 0.3194, 0.3228



75.8485, 0.3257, 0.3402



75.8485, 0.3060, 0.3353



75.8485, 0.2999, 0.3178

Rectangle

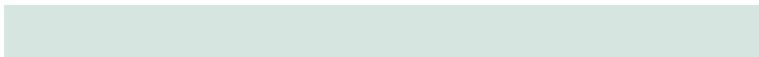
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.8485, 0.3194, 0.3228



75.8485, 0.3270, 0.3334



75.8485, 0.3060, 0.3353



75.8485, 0.2987, 0.3243

Sweetspot

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



75.8518, 0.3194, 0.3228



96.5931, 0.3147, 0.3271



75.3502, 0.3093, 0.3133



20.7106, 0.3146, 0.3272



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.



75.8518, 0.3194, 0.3228



86.9028, 0.3213, 0.3211



76.3258, 0.3233, 0.3306



15.1536, 0.3230, 0.3196



10.3001, 0.5380, 0.2737



0.8273, 0.5013, 0.2535

Inverse Universe

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



75.8518, 0.3194, 0.3228



86.9028, 0.3213, 0.3211



81.3525, 0.3029, 0.3274



15.1536, 0.3230, 0.3196



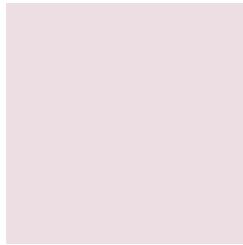
10.3001, 0.5380, 0.2737



0.8273, 0.5013, 0.2535

Previews

White Background



This preview shows how the Yxy color 75.8485, 0.3194, 0.3228 looks on a white background.

Color Contrast Check

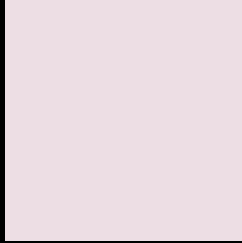
Large Text (above 18pt) WCAG AA × Fail

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 75.8485, 0.3194, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

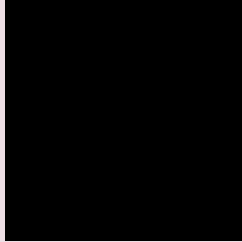
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

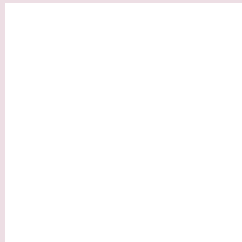
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.8485, 0.3194, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 75.8485, 0.3194, 0.3228.

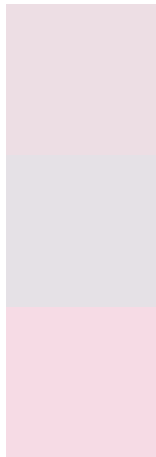


This preview shows how white text looks on a background with the Yxy color 75.8485, 0.3194, 0.3228.

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

75.8485, 0.3194, 0.3228

Protanopia

76.2216, 0.3123, 0.3237

Deuteranopia

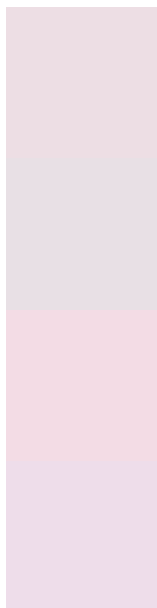
75.9130, 0.3254, 0.3188



Tritanopia

75.5366, 0.3136, 0.3105

Trichromacy



Original Color

75.8485, 0.3194, 0.3228

Protanomaly

76.1243, 0.3151, 0.3238

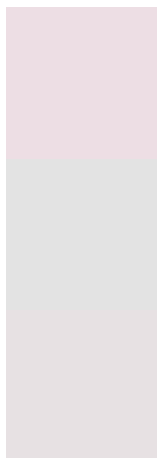
Deuteranomaly

75.8982, 0.3232, 0.3198

Tritanomaly

75.8306, 0.3162, 0.3156

Monochromacy



Original Color

75.8485, 0.3194, 0.3228

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.3854, 0.3156, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.8485, 0.3194, 0.3228 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, 222, 228)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 228)  
}
```

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, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 228) }
```

Border

The CSS property to change the border of an element to Yxy 75.8485, 0.3194, 0.3228 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, 222, 228) }
```

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

```
.border{ border-color:rgb(237, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 75.8485, 0.3194, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 228) }
```

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

```
.background{ background-color: rgb(237,  
222, 228) }
```

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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