

Converting Colors

$Y_{xy}(74.6673, 0.3209, 0.3279)$

Have a look what the booklet for
Yxy(74.6673, 0.3209, 0.3279)
contains.

Yxy(74.4793, 0.3213, 0.3280)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.4793, 0.3213, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	EADDDE
RGB	234, 221, 222
RGB Percent	92%, 87%, 87%
CMY	0.0826, 0.1332, 0.1294
CMYK	0.00, 0.06, 0.05, 0.08
HSL	355°, 23%, 89%
HSV	355°, 6%, 92%
XYZ	72.9579, 74.4793, 79.6338
YIQ	225.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

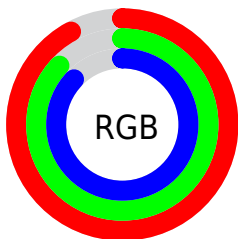
Format	Color
RYB	234, 221, 222
Decimal	15392222
CIELab	89.15, 4.58, 1.10
CIELCh	89, 4.709, 13.455
Yxy	74.4793, 0.3213, 0.3280
Android (android.graphics.Color)	4293582302 (0xFFEADDDE)
YUV	225.0010, -1.4795, 7.8921
Hunter-Lab	86.3014, -0.1262, 5.7017

Details

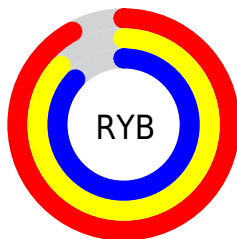
The Yxy color **74.4793, 0.3213, 0.3280** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80.0703, 0.3047, 0.3300**, and the grayscale version is **75.2995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5274, 0.3231, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **61.8893, 0.3398, 0.3261**, and if you desaturate by 10%, it is **88.9460, 0.3065, 0.3298**.

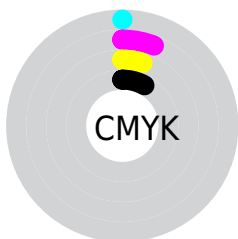
Distribution



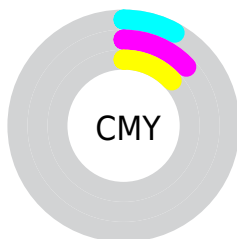
- Red (92%)
- Green (87%)
- Blue (87%)



- Red (92%)
- Yellow (87%)
- Blue (87%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4793, 0.3213, 0.3280 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 74.4793, 0.3213, 0.3280 by changing the saturation by 10% instead.


 74.4793, 0.3213,
0.3280

 74.4793, 0.3213,
0.3280

476.1259, 0.3173,
0.3285

 55.1864, 0.3222,
0.3279


125.5750, 0.3199,
0.3282

 39.5510, 0.3233,
0.3277


158.1466, 0.3194,
0.3282

 27.1886, 0.3247,
0.3276


195.9133, 0.3189,
0.3283

 17.7149, 0.3266,
0.3273

239.2594, 0.3185,
0.3283

 10.7455, 0.3291,
0.3270

288.5693, 0.3182,
0.3284

 5.8960, 0.3328,
0.3265

344.2274, 0.3179,

 2.7819, 0.3385,

0.3284

0.3257

406.6182, 0.3176,
0.3285

■ 1.0190, 0.3489,
0.3242

■ 0.0000, 1.0000,
0.0000

■ 74.4793, 0.3213,
0.3280

■ 74.4793, 0.3213,
0.3280

■ 61.8893, 0.3398,
0.3261

■ 88.9460, 0.3065,
0.3298

■ 51.0898, 0.3629,
0.3241

■ 96.2226, 0.2999,
0.3290

■ 42.0025, 0.3915,
0.3221

■ 34.5394, 0.4262,
0.3203

■ 28.6048, 0.4672,
0.3190

■ 24.0929, 0.5126,
0.3185

■ 20.8843, 0.5584,
0.3194

■ 18.8403, 0.5983,
0.3217

■ 17.7905, 0.6257,
0.3252

Harmonies

Analogous

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



74.4793, 0.3166, 0.3234



74.4793, 0.3213, 0.3280



74.4793, 0.3237, 0.3329

Triad

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



74.4793, 0.3213, 0.3280



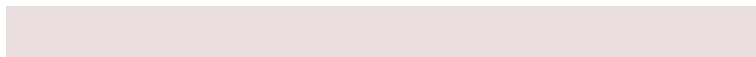
74.4793, 0.3144, 0.3380



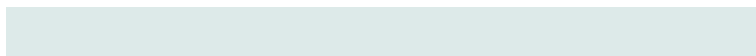
74.4793, 0.3025, 0.3211

Complementary

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



74.4793, 0.3213, 0.3280



80.0703, 0.3047, 0.3300

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.



74.4793, 0.3019, 0.3250



74.4793, 0.3213, 0.3280



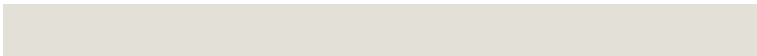
74.4793, 0.3088, 0.3348

Square

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



74.4793, 0.3213, 0.3280



74.4793, 0.3196, 0.3388



74.4793, 0.3042, 0.3300



74.4793, 0.3058, 0.3194

Rectangle

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



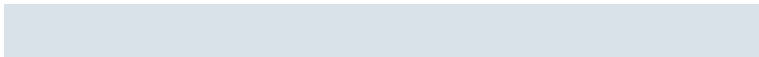
74.4793, 0.3213, 0.3280



74.4793, 0.3236, 0.3357



74.4793, 0.3042, 0.3300



74.4793, 0.3020, 0.3222

Sweetspot

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



74.4825, 0.3213, 0.3280



96.4890, 0.3157, 0.3286



74.9644, 0.3126, 0.3155



20.6894, 0.3156, 0.3287



0.0000, 0.0000, 0.0000



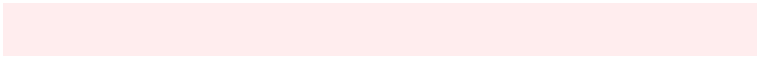
21.4041, 0.3127, 0.3290

Same Dimension

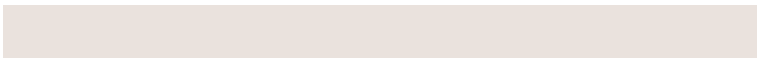
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4825, 0.3213, 0.3280



88.1172, 0.3238, 0.3277



77.3189, 0.3215, 0.3347



15.6061, 0.3248, 0.3276



9.8604, 0.6318, 0.3254



0.7807, 0.6111, 0.3140

Inverse Universe

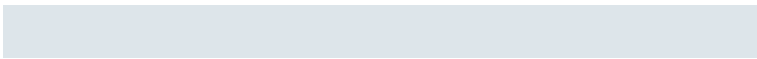
The Inverse Universe completely reimagines the original color for something new.



74.4825, 0.3213, 0.3280



88.1172, 0.3238, 0.3277



77.1088, 0.3042, 0.3233



15.6061, 0.3248, 0.3276



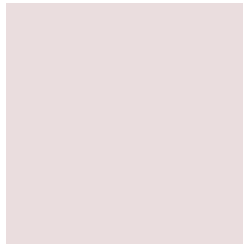
9.8604, 0.6318, 0.3254



0.7807, 0.6111, 0.3140

Previews

White Background



This preview shows how the Yxy color 74.4793, 0.3213, 0.3280 looks on a white background.

Color Contrast Check

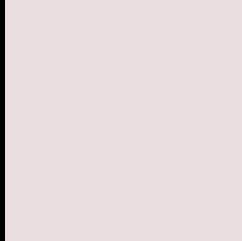
Large Text (above 18pt) WCAG AA × Fail

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 74.4793, 0.3213, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

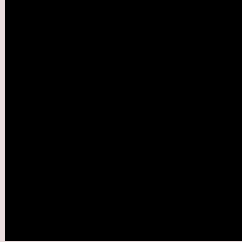
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

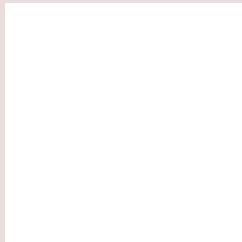
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4793, 0.3213, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 74.4793, 0.3213, 0.3280.

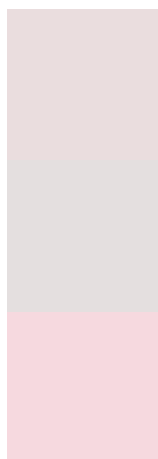


This preview shows how white text looks on a background with the Yxy color 74.4793, 0.3213, 0.3280.

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

74.4793, 0.3213, 0.3280

Protanopia

74.5970, 0.3162, 0.3290

Deuteranopia

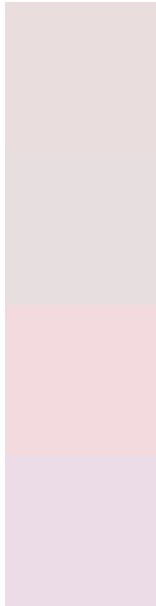
74.5463, 0.3298, 0.3229



Tritanopia

74.5520, 0.3135, 0.3114

Trichromacy



Original Color

74.4793, 0.3213, 0.3280

Protanomaly

74.3933, 0.3177, 0.3280

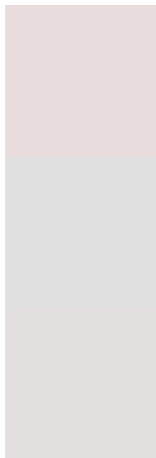
Deuteranomaly

74.3478, 0.3267, 0.3239

Tritanomaly

74.6181, 0.3161, 0.3175

Monochromacy



Original Color

74.4793, 0.3213, 0.3280

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.1871, 0.3155, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4793, 0.3213, 0.3280 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(234, 221, 222)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 222)  
}
```

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(234, 221, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 222) }
```

Border

The CSS property to change the border of an element to Yxy 74.4793, 0.3213, 0.3280 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(234, 221, 222) }
```

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

```
.border{ border-color:rgb(234, 221, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 222);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4793, 0.3213, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 222) }
```

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

```
.background{ background-color: rgb(234,  
221, 222) }
```

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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