

Converting Colors

$Y_{xy}(77.2396, 0.3199, 0.3214)$

Have a look what the booklet for
Yxy(77.2396, 0.3199, 0.3214)
contains.

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Color

Yxy(77.0701, 0.3194, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	F0DFE7
RGB	240, 223, 231
RGB Percent	94%, 87%, 91%
CMY	0.0590, 0.1254, 0.0941
CMYK	0.00, 0.07, 0.04, 0.06
HSL	332°, 36%, 91%
HSV	332°, 7%, 94%
XYZ	76.7338, 77.0701, 86.4396
YIQ	228.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

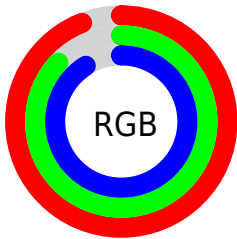
Format	Color
R_{YB}	240, 223, 231
Decimal	15785959
CIE Lab	90.35, 7.15, -1.82
CIE LCh	90, 7.377, 345.719
Yxy	77.0701, 0.3194, 0.3208
Android (android.graphics.Color)	4293976039 (0xFF0DFE7)
YUV	228.9950, 0.9885, 9.6514
Hunter-Lab	87.7896, 2.3888, 3.0744

Details

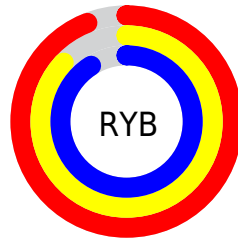
The Yxy color **77.0701, 0.3194, 0.3208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.8040, 0.3065, 0.3373**, and the grayscale version is **78.3371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2908, 0.3214, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **64.4555, 0.3306, 0.3086**, and if you desaturate by 10%, it is **91.5602, 0.3102, 0.3323**.

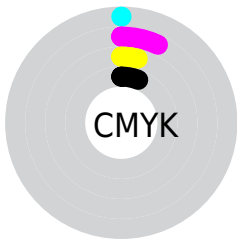
Distribution



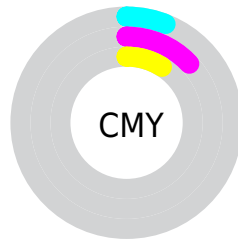
- Red (94%)
- Green (87%)
- Blue (91%)



- Red (94%)
- Yellow (87%)
- Blue (91%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0701, 0.3194, 0.3208 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 77.0701, 0.3194, 0.3208 by changing the saturation by 10% instead.

 77.0701, 0.3194,
0.3208

 77.0701, 0.3194,
0.3208


485.0030, 0.3164,
0.3245

 57.3104, 0.3201,
0.3200


129.2384, 0.3183,
0.3221

 41.2545, 0.3209,
0.3189


162.4159, 0.3179,
0.3226

 28.5180, 0.3220,
0.3176


200.8347, 0.3176,
0.3230

 18.7165, 0.3234,
0.3159

244.8792, 0.3173,
0.3234

 11.4656, 0.3252,
0.3137

294.9339, 0.3170,
0.3237

 6.3809, 0.3279,
0.3105

351.3832, 0.3168,

 3.0781, 0.3320,

0.3240

414.6114, 0.3165,
0.3243

0.3055

1.1726, 0.3391,
0.2971

0.0392, 0.5032,
0.0931

77.0701, 0.3194,
0.3208

77.0701, 0.3194,
0.3208

64.4555, 0.3306,
0.3086

91.5602, 0.3102,
0.3323

53.6291, 0.3441,
0.2959

97.2559, 0.3035,
0.3290

44.5119, 0.3602,
0.2832

37.0149, 0.3792,
0.2710

■ 31.0408, 0.4011,
0.2604

■ 26.4821, 0.4256,
0.2525

■ 23.2167, 0.4518,
0.2486

■ 21.1017, 0.4785,
0.2499

■ 19.9534, 0.5041,
0.2566

Harmonies

Analogous

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



77.0701, 0.3106, 0.3158



77.0701, 0.3194, 0.3208



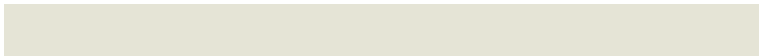
77.0701, 0.3265, 0.3280

Triad

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



77.0701, 0.3194, 0.3208



77.0701, 0.3229, 0.3442



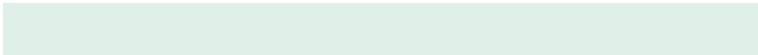
77.0701, 0.2960, 0.3221

Complementary

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



77.0701, 0.3194, 0.3208



83.8040, 0.3065, 0.3373

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.



77.0701, 0.2992, 0.3298



77.0701, 0.3194, 0.3208



77.0701, 0.3146, 0.3427

Square

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



77.0701, 0.3194, 0.3208



77.0701, 0.3285, 0.3415



77.0701, 0.3060, 0.3374



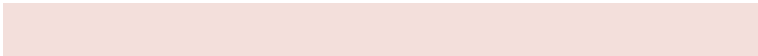
77.0701, 0.2972, 0.3164

Rectangle

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



77.0701, 0.3194, 0.3208



77.0701, 0.3292, 0.3331



77.0701, 0.3060, 0.3374



77.0701, 0.2966, 0.3246

Sweetspot

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



77.0735, 0.3194, 0.3208



96.6168, 0.3145, 0.3267



76.1923, 0.3079, 0.3114



20.7154, 0.3144, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

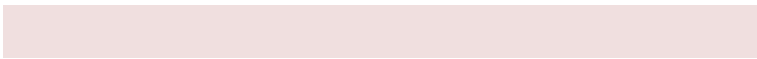
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0735, 0.3194, 0.3208



86.9934, 0.3204, 0.3196



76.7832, 0.3247, 0.3293



15.8831, 0.3219, 0.3179



10.8235, 0.5077, 0.2570



0.9204, 0.4767, 0.2400

Inverse Universe

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



77.0735, 0.3194, 0.3208



86.9934, 0.3204, 0.3196



84.1023, 0.3018, 0.3287



15.8831, 0.3219, 0.3179



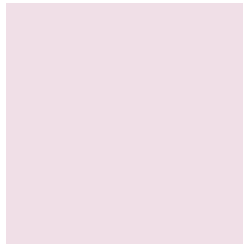
10.8235, 0.5077, 0.2570



0.9204, 0.4767, 0.2400

Previews

White Background



This preview shows how the Yxy color 77.0701, 0.3194, 0.3208 looks on a white background.

Color Contrast Check

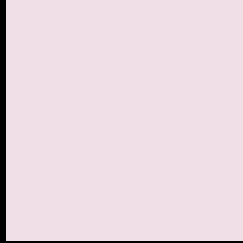
Large Text (above 18pt) WCAG AA × Fail

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 77.0701, 0.3194, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

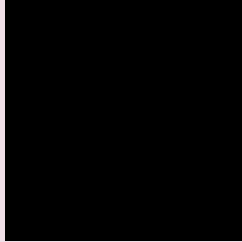
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

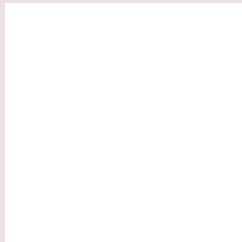
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0701, 0.3194, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 77.0701, 0.3194, 0.3208.

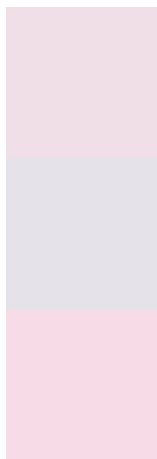


This preview shows how white text looks on a background with the Yxy color 77.0701, 0.3194, 0.3208.

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

77.0701, 0.3194, 0.3208

Protanopia

77.0989, 0.3110, 0.3217

Deuteranopia

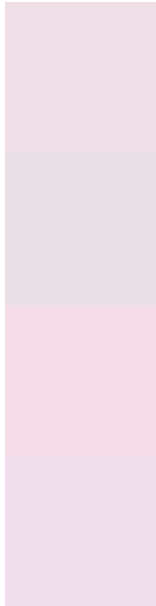
76.7868, 0.3240, 0.3169



Tritanopia

77.1753, 0.3149, 0.3117

Trichromacy



Original Color

77.0701, 0.3194, 0.3208

Protanomaly

77.1690, 0.3144, 0.3217

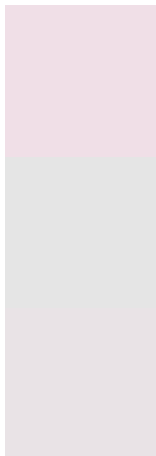
Deuteranomaly

76.7722, 0.3218, 0.3178

Tritanomaly

76.9995, 0.3169, 0.3147

Monochromacy



Original Color

77.0701, 0.3194, 0.3208

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.9750, 0.3149, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0701, 0.3194, 0.3208 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(240, 223, 231)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 231)  
}
```

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(240, 223, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 231) }
```

Border

The CSS property to change the border of an element to Yxy 77.0701, 0.3194, 0.3208 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(240, 223, 231) }
```

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

```
.border{ border-color:rgb(240, 223, 231) }
```

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

Here you see how a box with a 4 pixel rgb(240, 223, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 231);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0701, 0.3194, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 231) }
```

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

```
.background{ background-color: rgb(240,  
223, 231) }
```

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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