

Converting Colors

$Y_{xy}(75.2223, 0.3163, 0.3113)$

Have a look what the booklet for
Yxy(75.2223, 0.3163, 0.3113)
contains.

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Color

Yxy(75.2444, 0.3164, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	F0DBEC
RGB	240, 219, 236
RGB Percent	94%, 86%, 93%
CMY	0.0588, 0.1411, 0.0746
CMYK	0.00, 0.09, 0.02, 0.06
HSL	312°, 41%, 90%
HSV	312°, 9%, 94%
XYZ	76.4035, 75.2444, 89.8296
YIQ	227.2170, 7.0590, 9.7390

Conversions

Conversions Part 2

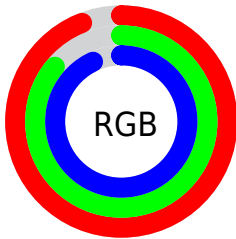
Format	Color
R _Y B	240, 219, 236
Decimal	15784940
CIE Lab	89.51, 10.13, -5.67
CIE LCh	90, 11.608, 330.764
Yxy	75.2444, 0.3164, 0.3116
Android (android.graphics.Color)	4293975020 (0xFFFF0DBEC)
YUV	227.2170, 4.3300, 11.2107
Hunter-Lab	86.7435, 5.4212, -0.6789

Details

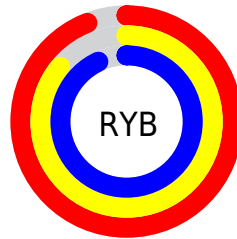
The Yxy color $75.2444, 0.3164, 0.3116$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82.7127, 0.3092, 0.3470$, and the grayscale version is $76.9472, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $40.0366, 0.3174, 0.3079$ is the 20% darker color. If you saturate the color by 10%, you get $63.3496, 0.3212, 0.2910$, and if you desaturate by 10%, it is $88.9580, 0.3122, 0.3314$.

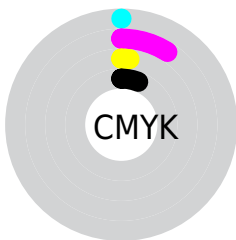
Distribution



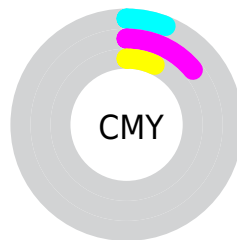
- Red (94%)
- Green (86%)
- Blue (93%)



- Red (94%)
- Yellow (86%)
- Blue (93%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (6%)




- Cyan (6%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.2444, 0.3164, 0.3116 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 75.2444, 0.3164, 0.3116 by changing the saturation by 10% instead.


 75.2444, 0.3164,
0.3116

 75.2444, 0.3164,
0.3116


478.7572, 0.3148,
0.3195

 55.8131, 0.3168,
0.3098

126.6583, 0.3158,
0.3143

 40.0531, 0.3172,
0.3077

159.4096, 0.3156,
0.3154

 27.5800, 0.3177,
0.3049


197.3699, 0.3154,
0.3163

 18.0093, 0.3184,
0.3014

240.9233, 0.3153,
0.3171

 10.9566, 0.3194,
0.2967

290.4544, 0.3151,
0.3178

 6.0377, 0.3206,
0.2900

346.3474, 0.3150,

 2.8680, 0.3225,

0.3184

0.2799

408.9869, 0.3149,
0.3190

■ 1.0632, 0.3254,
0.2628

■ 0.0000, 0.3671,
0.0000

■ 75.2444, 0.3164,
0.3116

■ 75.2444, 0.3164,
0.3116

■ 63.3496, 0.3212,
0.2910

■ 88.9580, 0.3122,
0.3314

■ 53.1869, 0.3267,
0.2701

■ 96.6498, 0.3091,
0.3386

■ 44.6771, 0.3329,
0.2497

■ 96.9351, 0.3065,
0.3341

■ 37.7310, 0.3397,
0.2305

■ 97.2276, 0.3039,
0.3296

■ 32.2509, 0.3470,
0.2136

■ 97.2656, 0.3035,
0.3290

■ 28.1283, 0.3545,
0.1999

■ 25.2393, 0.3621,
0.1905

■ 23.4377, 0.3695,
0.1857

■ 22.5077, 0.3766,
0.1852

Harmonies

Analogous

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



75.2444, 0.3026, 0.3062



75.2444, 0.3164, 0.3116



75.2444, 0.3295, 0.3214

Triad

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



75.2444, 0.3164, 0.3116



75.2444, 0.3340, 0.3518



75.2444, 0.2880, 0.3238

Complementary

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



75.2444, 0.3164, 0.3116



82.7127, 0.3092, 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.



75.2444, 0.2960, 0.3366



75.2444, 0.3164, 0.3116



75.2444, 0.3225, 0.3530

Square

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



75.2444, 0.3164, 0.3116



75.2444, 0.3398, 0.3444



75.2444, 0.3086, 0.3474



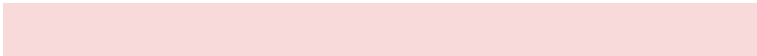
75.2444, 0.2864, 0.3129

Rectangle

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



75.2444, 0.3164, 0.3116



75.2444, 0.3359, 0.3293



75.2444, 0.3086, 0.3474



75.2444, 0.2900, 0.3280

Sweetspot

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



75.2477, 0.3164, 0.3116



95.1215, 0.3139, 0.3231



72.6244, 0.3018, 0.3067



20.0878, 0.3143, 0.3215



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.



75.2477, 0.3164, 0.3116



84.4843, 0.3170, 0.3090



74.6654, 0.3234, 0.3221



15.9763, 0.3167, 0.3101



12.2898, 0.3764, 0.1847



1.0356, 0.3677, 0.1799

Inverse Universe

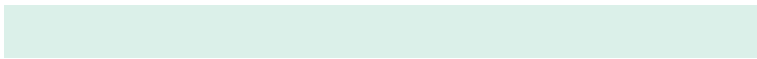
The Inverse Universe completely reimagines the original color for something new.



75.2477, 0.3164, 0.3116



84.4843, 0.3170, 0.3090



83.2863, 0.3031, 0.3360



15.9763, 0.3167, 0.3101



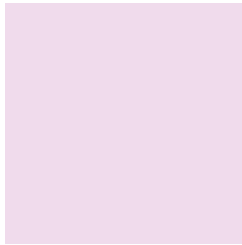
12.2898, 0.3764, 0.1847



1.0356, 0.3677, 0.1799

Previews

White Background



This preview shows how the Yxy color 75.2444, 0.3164, 0.3116 looks on a white background.

Color Contrast Check

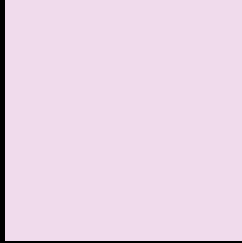
Large Text (above 18pt) WCAG AA × Fail

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 75.2444, 0.3164, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

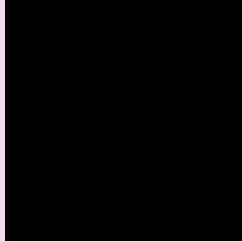
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

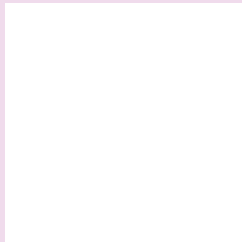
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2444, 0.3164, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 75.2444, 0.3164, 0.3116.



This preview shows how white text looks on a background with the Yxy color 75.2444, 0.3164, 0.3116.

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

75.2444, 0.3164, 0.3116

Protanopia

75.5509, 0.3038, 0.3132

Deuteranopia

75.0762, 0.3179, 0.3106



Tritanopia

75.2444, 0.3164, 0.3116

Trichromacy



Original Color

75.2444, 0.3164, 0.3116

Protanomaly

75.2386, 0.3079, 0.3123

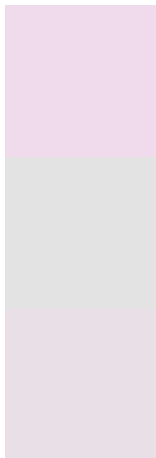
Deuteranomaly

74.8997, 0.3172, 0.3106

Tritanomaly

75.2444, 0.3164, 0.3116

Monochromacy



Original Color

75.2444, 0.3164, 0.3116

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.1803, 0.3144, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2444, 0.3164, 0.3116 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, 219, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 219, 236)  
}
```

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, 219, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 219, 236) }
```

Border

The CSS property to change the border of an element to Yxy 75.2444, 0.3164, 0.3116 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, 219, 236) }
```

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

```
.border{ border-color:rgb(240, 219, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 219, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 219, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 219, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 219,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2444, 0.3164, 0.3116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 219, 236) }
```

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

```
.background{ background-color: rgb(240,  
219, 236) }
```

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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