

Converting Colors

$Y_{xy}(75.6515, 0.3149, 0.3116)$

Have a look what the booklet for
Yxy(75.6515, 0.3149, 0.3116)
contains.

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Color

Yxy(75.6515, 0.3149, 0.3116)

Conversions

Conversions Part 1

Format	Color
Hex	EFDCEB
RGB	239, 220, 237
RGB Percent	94%, 86%, 93%
CMY	0.0631, 0.1371, 0.0707
CMYK	0.00, 0.08, 0.01, 0.06
HSL	306°, 37%, 90%
HSV	306°, 8%, 94%
XYZ	76.4527, 75.6515, 90.6798
YIQ	227.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

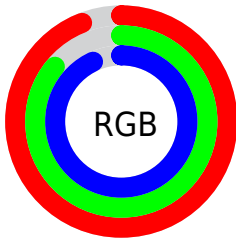
Format	Color
R _Y B	239, 220, 237
Decimal	15719661
CIE Lab	89.70, 9.41, -5.93
CIE LCh	90, 11.124, 327.774
Yxy	75.6515, 0.3149, 0.3116
Android (android.graphics.Color)	4293909741 (0xFFEFDCEd)
YUV	227.6190, 4.6248, 9.9811
Hunter-Lab	86.9779, 4.6885, -0.9290

Details

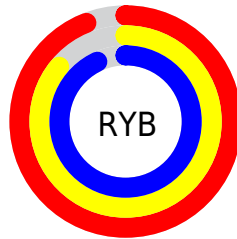
The Yxy color **75.6515, 0.3149, 0.3116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.1781, 0.3106, 0.3470**, and the grayscale version is **77.2474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3137, 0.3156, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **63.8524, 0.3180, 0.2889**, and if you desaturate by 10%, it is **89.2513, 0.3122, 0.3335**.

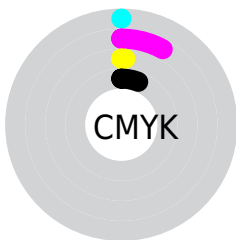
Distribution



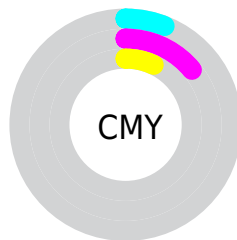
- Red (94%)
- Green (86%)
- Blue (93%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (1%)
- Black (6%)





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.6515, 0.3149, 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 75.6515, 0.3149, 0.3116 by changing the saturation by 10% instead.


 75.6515, 0.3149,
0.3116

 75.6515, 0.3149,
0.3116


480.1539, 0.3140,
0.3195

 56.1468, 0.3151,
0.3098


127.2342, 0.3146,
0.3143

 40.3206, 0.3154,
0.3077


160.0809, 0.3145,
0.3154

 27.7886, 0.3157,
0.3049


198.1438, 0.3143,
0.3163

 18.1664, 0.3160,
0.3014

241.8072, 0.3142,
0.3171

 11.0695, 0.3165,
0.2967

291.4555, 0.3142,
0.3178

 6.1136, 0.3172,
0.2901

347.4731, 0.3141,

 2.9143, 0.3181,

0.3184

0.2801

410.2444, 0.3140,
0.3190

■ 1.0871, 0.3193,
0.2631

■ 0.0000, 0.3435,
0.0000

■ 75.6515, 0.3149,
0.3116

■ 75.6515, 0.3149,
0.3116

■ 63.8524, 0.3180,
0.2889

■ 89.2513, 0.3122,
0.3335

■ 53.7687, 0.3214,
0.2661

■ 96.2598, 0.3103,
0.3420

■ 45.3225, 0.3251,
0.2438

■ 96.4077, 0.3089,
0.3395

■ 38.4262, 0.3291,
0.2229

■ 96.5576, 0.3075,
0.3371

■ 32.9843, 0.3331,
0.2045

■ 96.7095, 0.3061,
0.3347

■ 28.8903, 0.3372,
0.1894

■ 96.8634, 0.3047,
0.3322

■ 26.0234, 0.3412,
0.1785

■ 97.0192, 0.3034,
0.3298

■ 24.2413, 0.3449,
0.1721

■ 97.0764, 0.3029,
0.3290

■ 23.3495, 0.3483,
0.1698

Harmonies

Analogous

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



75.6515, 0.3018, 0.3069



75.6515, 0.3149, 0.3116



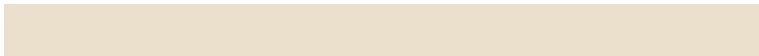
75.6515, 0.3277, 0.3207

Triad

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



75.6515, 0.3149, 0.3116



75.6515, 0.3339, 0.3503



75.6515, 0.2895, 0.3252

Complementary

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



75.6515, 0.3149, 0.3116



82.1781, 0.3106, 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.



75.6515, 0.2978, 0.3374



75.6515, 0.3149, 0.3116



75.6515, 0.3234, 0.3521

Square

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



75.6515, 0.3149, 0.3116



75.6515, 0.3388, 0.3428



75.6515, 0.3101, 0.3474



75.6515, 0.2873, 0.3144

Rectangle

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



75.6515, 0.3149, 0.3116



75.6515, 0.3342, 0.3281



75.6515, 0.3101, 0.3474



75.6515, 0.2917, 0.3293

Sweetspot

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



75.6548, 0.3149, 0.3116



96.7555, 0.3132, 0.3246



72.9496, 0.3018, 0.3089



20.7436, 0.3132, 0.3249



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

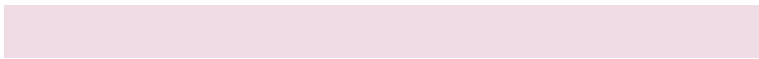
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.6548, 0.3149, 0.3116



86.0709, 0.3152, 0.3091



75.1199, 0.3212, 0.3212



16.0019, 0.3154, 0.3081



12.8502, 0.3485, 0.1693



1.0770, 0.3444, 0.1671

Inverse Universe

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



75.6548, 0.3149, 0.3116



86.0709, 0.3152, 0.3091



82.6960, 0.3050, 0.3369



16.0019, 0.3154, 0.3081



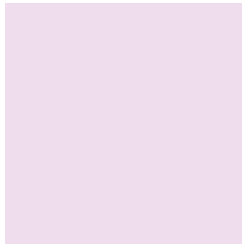
12.8502, 0.3485, 0.1693



1.0770, 0.3444, 0.1671

Previews

White Background



This preview shows how the Yxy color 75.6515, 0.3149, 0.3116 looks on a white background.

Color Contrast Check

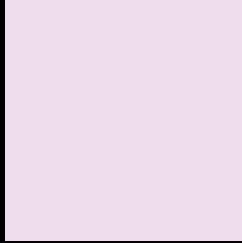
Large Text (above 18pt) WCAG AA × Fail

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 75.6515, 0.3149, 0.3116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

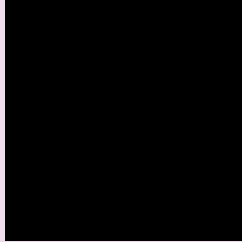
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

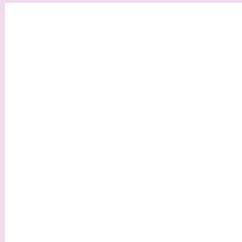
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.6515, 0.3149, 0.3116

Background



This preview shows how black text looks on a background with the Yxy color 75.6515, 0.3149, 0.3116.

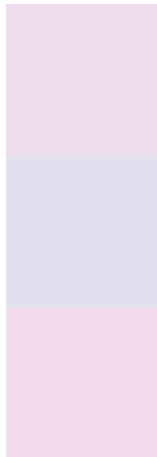


This preview shows how white text looks on a background with the Yxy color 75.6515, 0.3149, 0.3116.

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

75.6515, 0.3149, 0.3116

Protanopia

75.7121, 0.3045, 0.3132

Deuteranopia

75.6547, 0.3171, 0.3106



Tritanopia

75.6515, 0.3149, 0.3116

Trichromacy



Original Color

75.6515, 0.3149, 0.3116

Protanomaly

75.9373, 0.3086, 0.3134

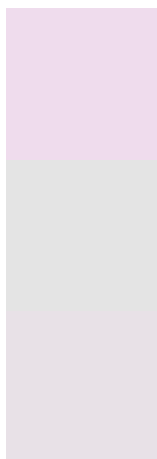
Deuteranomaly

75.4782, 0.3164, 0.3106

Tritanomaly

75.6515, 0.3149, 0.3116

Monochromacy



Original Color

75.6515, 0.3149, 0.3116

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.7758, 0.3137, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6515, 0.3149, 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(239, 220, 237)` looks like.

```
.text, #text, p{  
    color:rgb(239, 220, 237)  
}
```

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(239, 220, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 220, 237) }
```

Border

The CSS property to change the border of an element to Yxy 75.6515, 0.3149, 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(239, 220, 237) }
```

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

```
.border{ border-color:rgb(239, 220, 237) }
```

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

Here you see how a box with a 4 pixel rgb(239, 220, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 220, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 220, 237);  
box-shadow:4px 4px 4px 4px rgb(239, 220,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6515, 0.3149, 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(239, 220, 237) }
```

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

```
.background{ background-color: rgb(239,  
220, 237) }
```

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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