

Converting Colors

$Y_{xy}(76.1041, 0.3113, 0.3152)$

Have a look what the booklet for
Yxy(76.1041, 0.3113, 0.3152)
contains.

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Color

Yxy(76.1551, 0.3113, 0.3155)

Conversions

Conversions Part 1

Format	Color
Hex	E9DFEC
RGB	233, 223, 236
RGB Percent	91%, 87%, 93%
CMY	0.0861, 0.1255, 0.0746
CMYK	0.01, 0.06, 0.00, 0.07
HSL	286°, 25%, 90%
HSV	286°, 6%, 93%
XYZ	75.1413, 76.1551, 90.0827
YIQ	227.4720, 1.7870, 6.1630

Conversions

Conversions Part 2

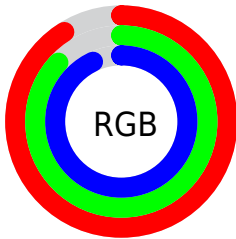
Format	Color
R _Y B	233, 223, 236
Decimal	15327212
CIE Lab	89.93, 5.73, -5.11
CIE LCh	90, 7.679, 318.237
Yxy	76.1551, 0.3113, 0.3155
Android (android.graphics.Color)	4293517292 (0xFFE9DFEC)
YUV	227.4720, 4.2043, 4.8481
Hunter-Lab	87.2669, 0.9807, -0.1162

Details

The Yxy color **76.1551, 0.3113, 0.3155** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.4665, 0.3140, 0.3427**, and the grayscale version is **77.1508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6477, 0.3108, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **63.5308, 0.3083, 0.2899**, and if you desaturate by 10%, it is **90.5704, 0.3138, 0.3397**.

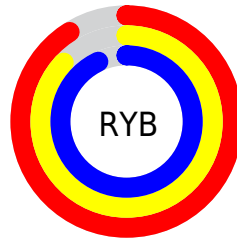
Distribution



Red (91%)

Green (87%)

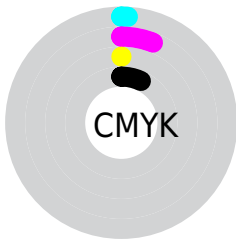
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

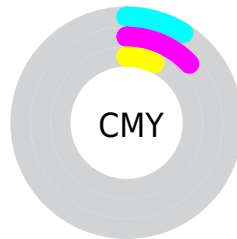


Cyan (1%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (9%)


Magenta (13%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1551, 0.3113, 0.3155 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 76.1551, 0.3113, 0.3155 by changing the saturation by 10% instead.


 76.1551, 0.3113,
0.3155

 76.1551, 0.3113,
0.3155

481.8785, 0.3120,
0.3216

 56.5597, 0.3111,
0.3141


127.9461, 0.3115,
0.3176

 40.6518, 0.3109,
0.3124


160.9105, 0.3116,
0.3184

 28.0471, 0.3107,
0.3103


199.1001, 0.3117,
0.3192

 18.3612, 0.3103,
0.3075

242.8991, 0.3118,
0.3198

 11.2096, 0.3099,
0.3038

292.6921, 0.3118,
0.3203

 6.2080, 0.3092,
0.2986

348.8634, 0.3119,

 2.9720, 0.3080,

0.3208

0.2906

411.7974, 0.3119,
0.3213

■ 1.1171, 0.3058,
0.2769

■ 0.0000, 0.2752,
0.0000

■ 76.1551, 0.3113,
0.3155

■ 76.1551, 0.3113,
0.3155

■ 63.5308, 0.3083,
0.2899

■ 90.5704, 0.3138,
0.3397

■ 52.6153, 0.3047,
0.2634

■ 96.7577, 0.3167,
0.3477

■ 43.3342, 0.3004,
0.2366

■ 97.7244, 0.3200,
0.3476

■ 35.6041, 0.2955,
0.2104

■ 98.7190, 0.3234,
0.3474

■ 29.3339, 0.2901,
0.1860

■ 98.8352, 0.3238,
0.3474

■ 24.4229, 0.2843,
0.1645

■ 20.7577, 0.2782,
0.1468

■ 18.2058, 0.2721,
0.1337

■ 16.6042, 0.2661,
0.1253

Harmonies

Analogous

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



76.1551, 0.3027, 0.3135



76.1551, 0.3113, 0.3155



76.1551, 0.3204, 0.3210

Triad

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



76.1551, 0.3113, 0.3155



76.1551, 0.3288, 0.3425



76.1551, 0.2981, 0.3292

Complementary

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



76.1551, 0.3113, 0.3155



81.4665, 0.3140, 0.3427

Split Complementary

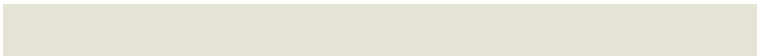
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1551, 0.3050, 0.3372



76.1551, 0.3113, 0.3155



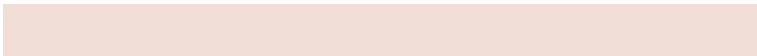
76.1551, 0.3227, 0.3449

Square

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



76.1551, 0.3113, 0.3155



76.1551, 0.3306, 0.3364



76.1551, 0.3139, 0.3430



76.1551, 0.2951, 0.3212

Rectangle

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



76.1551, 0.3113, 0.3155



76.1551, 0.3255, 0.3259



76.1551, 0.3139, 0.3430



76.1551, 0.3000, 0.3320

Sweetspot

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



76.1584, 0.3113, 0.3155



96.5711, 0.3122, 0.3241



76.1479, 0.3043, 0.3184



20.7061, 0.3122, 0.3244



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.



76.1584, 0.3113, 0.3155



88.3780, 0.3109, 0.3117



76.4575, 0.3156, 0.3191



15.6558, 0.3107, 0.3103



8.9242, 0.2643, 0.1230



0.7427, 0.2726, 0.1275

Inverse Universe

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



76.0889, 0.3200, 0.3260



88.2772, 0.3221, 0.3251



81.1847, 0.3099, 0.3391



15.6367, 0.3229, 0.3248



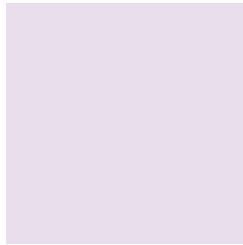
9.9894, 0.5999, 0.3078



0.7987, 0.5615, 0.2867

Previews

White Background



This preview shows how the Yxy color 76.1551, 0.3113, 0.3155 looks on a white background.

Color Contrast Check

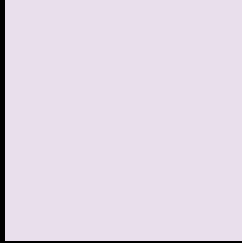
Large Text (above 18pt) WCAG AA × Fail

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 76.1551, 0.3113, 0.3155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

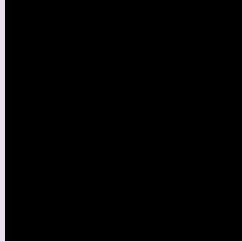
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

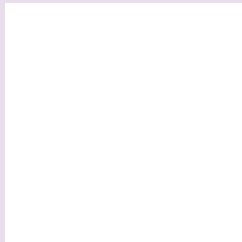
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1551, 0.3113, 0.3155

Background



This preview shows how black text looks on a background with the Yxy color 76.1551, 0.3113, 0.3155.

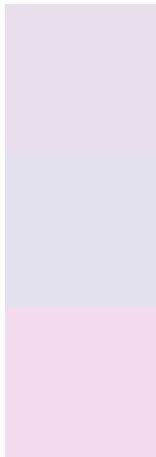


This preview shows how white text looks on a background with the Yxy color 76.1551, 0.3113, 0.3155.

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

76.1551, 0.3113, 0.3155

Protanopia

76.2957, 0.3064, 0.3164

Deuteranopia

75.8321, 0.3178, 0.3107



Tritanopia

76.0262, 0.3094, 0.3104

Trichromacy



Original Color

76.1551, 0.3113, 0.3155

Protanomaly

76.0837, 0.3078, 0.3154

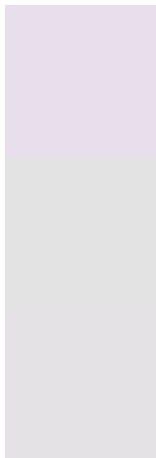
Deuteranomaly

75.6515, 0.3149, 0.3116

Tritanomaly

75.9670, 0.3100, 0.3114

Monochromacy



Original Color

76.1551, 0.3113, 0.3155

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.7639, 0.3122, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1551, 0.3113, 0.3155 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(233, 223, 236)` looks like.

```
.text, #text, p{  
    color:rgb(233, 223, 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(233, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 223, 236) }
```

Border

The CSS property to change the border of an element to Yxy 76.1551, 0.3113, 0.3155 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(233, 223, 236) }
```

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

```
.border{ border-color:rgb(233, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 223, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 223, 236); box-shadow:4px 4px 4px 4px rgb(233, 223, 236) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1551, 0.3113, 0.3155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 223, 236) }
```

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

```
.background{ background-color: rgb(233,  
223, 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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