

Converting Colors

$Y_{xy}(76.9015, 0.3215, 0.3239)$

Have a look what the booklet for
Yxy(76.9015, 0.3215, 0.3239)
contains.

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Color

Yxy(76.9021, 0.3214, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	F0DFE4
RGB	240, 223, 228
RGB Percent	94%, 87%, 89%
CMY	0.0591, 0.1254, 0.1059
CMYK	0.00, 0.07, 0.05, 0.06
HSL	342°, 36%, 91%
HSV	342°, 7%, 94%
XYZ	76.3085, 76.9021, 84.2148
YIQ	228.6530, 8.5270, 5.1590

Conversions

Conversions Part 2

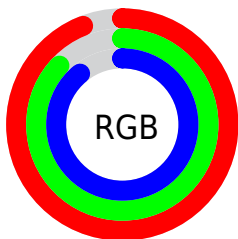
Format	Color
R_{YB}	240, 223, 228
Decimal	15785956
CIE _{Lab}	90.28, 6.62, -0.35
CIE _{LCh}	90, 6.630, 356.969
Yxy	76.9021, 0.3214, 0.3239
Android (android.graphics.Color)	4293976036 (0xFFFF0DFE4)
YUV	228.6530, -0.3219, 9.9513
Hunter-Lab	87.6938, 1.8611, 4.4479

Details

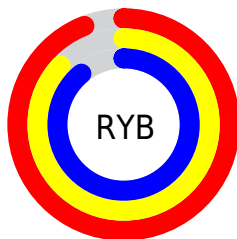
The Yxy color **76.9021, 0.3214, 0.3239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.9700, 0.3047, 0.3342**, and the grayscale version is **78.0804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2127, 0.3232, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **64.0823, 0.3361, 0.3163**, and if you desaturate by 10%, it is **91.6376, 0.3094, 0.3311**.

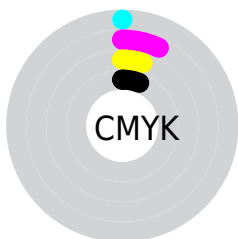
Distribution



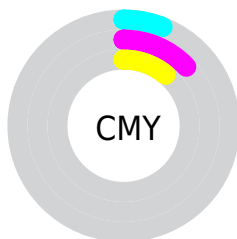
- Red (94%)
- Green (87%)
- Blue (89%)



- Red (94%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9021, 0.3214, 0.3239 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 76.9021, 0.3214, 0.3239 by changing the saturation by 10% instead.

 76.9021, 0.3214,
0.3239

 76.9021, 0.3214,
0.3239


484.4302, 0.3174,
0.3262

 57.1725, 0.3223,
0.3234


129.0013, 0.3200,
0.3247

 41.1438, 0.3234,
0.3227


162.1397, 0.3195,
0.3250

 28.4314, 0.3248,
0.3219


200.5165, 0.3190,
0.3253

 18.6511, 0.3266,
0.3208

244.5160, 0.3186,
0.3255

 11.4185, 0.3291,
0.3194

294.5228, 0.3183,
0.3257

 6.3490, 0.3326,
0.3173

350.9212, 0.3180,

 3.0585, 0.3381,

0.3259

0.3141

414.0955, 0.3177,
0.3261

■ 1.1623, 0.3477,
0.3085

■ 0.0306, 0.6832,
0.1097

■ 76.9021, 0.3214,
0.3239

■ 76.9021, 0.3214,
0.3239

■ 64.0823, 0.3361,
0.3163

■ 91.6376, 0.3094,
0.3311

■ 53.0895, 0.3542,
0.3083

■ 97.2536, 0.3035,
0.3290

■ 43.8430, 0.3762,
0.3002

■ 36.2520, 0.4027,
0.2927

■ 30.2176, 0.4337,
0.2865

■ 25.6300, 0.4687,
0.2826

■ 22.3653, 0.5058,
0.2824

■ 20.2780, 0.5421,
0.2866

■ 19.1821, 0.5740,
0.2954

Harmonies

Analogous

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



76.9021, 0.3138, 0.3185



76.9021, 0.3214, 0.3239



76.9021, 0.3266, 0.3307

Triad

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



76.9021, 0.3214, 0.3239



76.9021, 0.3193, 0.3426



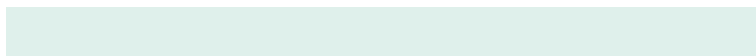
76.9021, 0.2976, 0.3206

Complementary

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



76.9021, 0.3214, 0.3239



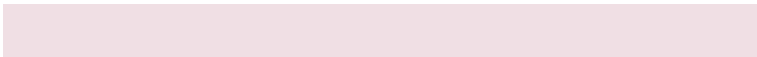
83.9700, 0.3047, 0.3342

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.



76.9021, 0.2990, 0.3271



76.9021, 0.3214, 0.3239



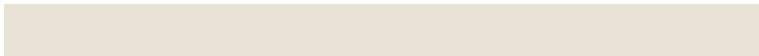
76.9021, 0.3115, 0.3399

Square

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



76.9021, 0.3214, 0.3239



76.9021, 0.3254, 0.3416



76.9021, 0.3040, 0.3342



76.9021, 0.3001, 0.3165

Rectangle

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



76.9021, 0.3214, 0.3239



76.9021, 0.3281, 0.3352



76.9021, 0.3040, 0.3342



76.9021, 0.2976, 0.3226

Sweetspot

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



76.9055, 0.3214, 0.3239



96.5592, 0.3151, 0.3276



76.7168, 0.3100, 0.3116



20.7037, 0.3149, 0.3276



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.



76.9055, 0.3214, 0.3239



86.7744, 0.3227, 0.3232



78.4587, 0.3244, 0.3325



15.8352, 0.3247, 0.3221



10.4066, 0.5784, 0.2960



0.8825, 0.5410, 0.2754

Inverse Universe

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



76.9055, 0.3214, 0.3239



86.7744, 0.3227, 0.3232



82.2895, 0.3018, 0.3254



15.8352, 0.3247, 0.3221



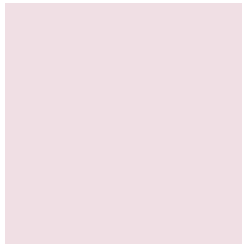
10.4066, 0.5784, 0.2960



0.8825, 0.5410, 0.2754

Previews

White Background



This preview shows how the Yxy color 76.9021, 0.3214, 0.3239 looks on a white background.

Color Contrast Check

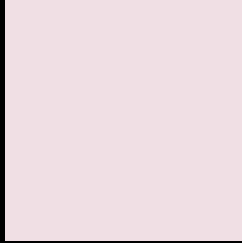
Large Text (above 18pt) WCAG AA × Fail

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 76.9021, 0.3214, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

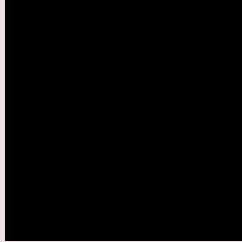
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

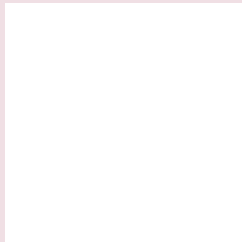
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9021, 0.3214, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 76.9021, 0.3214, 0.3239.

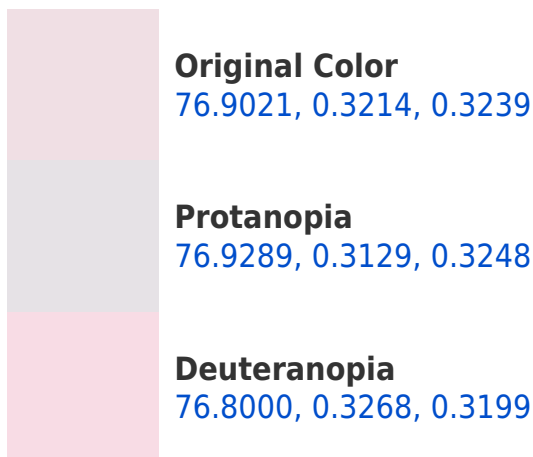


This preview shows how white text looks on a background with the Yxy color 76.9021, 0.3214, 0.3239.

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

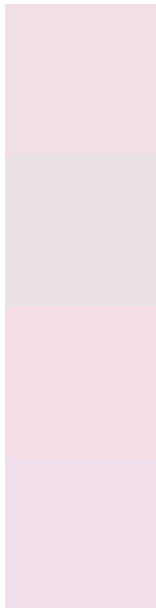




Tritanopia

76.6457, 0.3150, 0.3107

Trichromacy



Original Color

76.9021, 0.3214, 0.3239

Protanomaly

77.0000, 0.3164, 0.3248

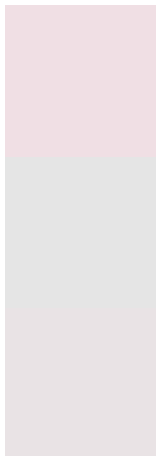
Deuteranomaly

76.7825, 0.3245, 0.3209

Tritanomaly

76.9415, 0.3176, 0.3157

Monochromacy



Original Color

76.9021, 0.3214, 0.3239

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.9190, 0.3156, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9021, 0.3214, 0.3239 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 228) }
```

Border

The CSS property to change the border of an element to Yxy 76.9021, 0.3214, 0.3239 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, 228) }
```

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

```
.border{ border-color:rgb(240, 223, 228) }
```

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, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9021, 0.3214, 0.3239 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, 228) }
```

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

```
.background{ background-color: rgb(240,  
223, 228) }
```

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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