

Converting Colors

$Y_{xy}(76.6927, 0.3196, 0.3229)$

Have a look what the booklet for
Yxy(76.6927, 0.3196, 0.3229)
contains.

Yxy(76.6096, 0.3194, 0.3228)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(76.6096, 0.3194, 0.3228)

Conversions

Conversions Part 1	
Format	Color
Hex	EEDFE5
RGB	238, 223, 229
RGB Percent	93%, 87%, 90%
CMY	0.0665, 0.1255, 0.1020
CMYK	0.00, 0.06, 0.04, 0.07
HSL	336°, 31%, 90%
HSV	336°, 6%, 93%
XYZ	75.8027, 76.6096, 84.9161
YIQ	228.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

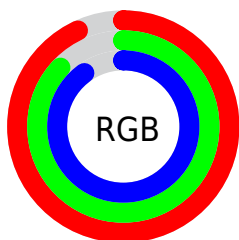
Format	Color
RYB	238, 223, 229
Decimal	15654885
CIELab	90.14, 6.17, -1.09
CIELCh	90, 6.269, 349.975
Yxy	76.6096, 0.3194, 0.3228
Android (android.graphics.Color)	4293844965 (0xFFEEDFE5)
YUV	228.1690, 0.4097, 8.6218
Hunter-Lab	87.5269, 1.4178, 3.7474

Details

The Yxy color **76.6096, 0.3194, 0.3228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.6953, 0.3065, 0.3353**, and the grayscale version is **77.7125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0063, 0.3204, 0.3210** is the 20% darker color. If you saturate the color by 10%, you get **64.0079, 0.3318, 0.3125**, and if you desaturate by 10%, it is **91.0722, 0.3092, 0.3325**.

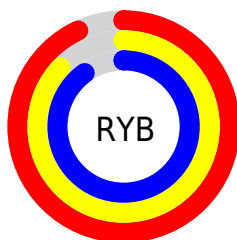
Distribution



Red (93%)

Green (87%)

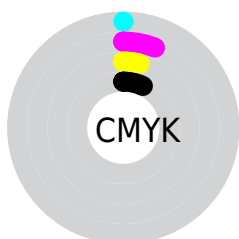
Blue (90%)



Red (93%)

Yellow (87%)

Blue (90%)

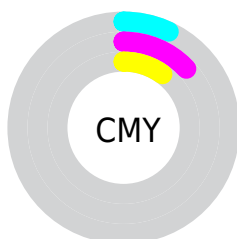


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (7%)



Cyan (7%)


Magenta (13%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6096, 0.3194, 0.3228 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 76.6096, 0.3194, 0.3228 by changing the saturation by 10% instead.


 76.6096, 0.3194,
0.3228

 76.6096, 0.3194,
0.3228


483.4319, 0.3163,
0.3256

 56.9325, 0.3201,
0.3222


128.5882, 0.3183,
0.3238

 40.9511, 0.3209,
0.3214


161.6586, 0.3179,
0.3242

 28.2808, 0.3220,
0.3204


199.9622, 0.3176,
0.3245

 18.5375, 0.3234,
0.3191

243.8833, 0.3173,
0.3248

 11.3365, 0.3253,
0.3173

293.8065, 0.3170,
0.3250

 6.2937, 0.3280,
0.3149


350.1160, 0.3168,


 3.0245, 0.3322,

0.3253


0.3110

413.1964, 0.3165,
0.3255

 1.1445, 0.3395,
0.3044


 0.0157, 0.6030,
0.0571


 76.6096, 0.3194,
0.3228


 76.6096, 0.3194,
0.3228


 64.0079, 0.3318,
0.3125

 91.0722, 0.3092,
0.3325

 53.1813, 0.3470,
0.3018

 96.9264, 0.3024,
0.3290

 44.0520, 0.3652,
0.2909

 36.5328, 0.3870,
0.2806

■ 30.5283, 0.4123,
0.2716

■ 25.9333, 0.4409,
0.2651

■ 22.6285, 0.4716,
0.2625

■ 20.4750, 0.5028,
0.2648

■ 19.2995, 0.5321,
0.2725

Harmonies

Analogous

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



76.6096, 0.3120, 0.3182



76.6096, 0.3194, 0.3228



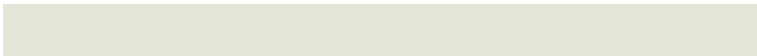
76.6096, 0.3250, 0.3291

Triad

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



76.6096, 0.3194, 0.3228



76.6096, 0.3205, 0.3420



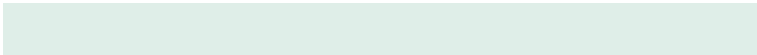
76.6096, 0.2983, 0.3223

Complementary

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



76.6096, 0.3194, 0.3228



82.6953, 0.3065, 0.3353

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.



76.6096, 0.3006, 0.3288



76.6096, 0.3194, 0.3228



76.6096, 0.3133, 0.3402

Square

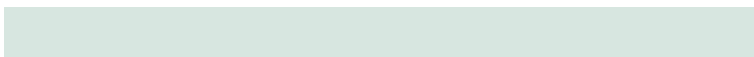
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



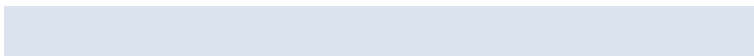
76.6096, 0.3194, 0.3228



76.6096, 0.3257, 0.3402



76.6096, 0.3060, 0.3353



76.6096, 0.2999, 0.3178

Rectangle

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



76.6096, 0.3194, 0.3228



76.6096, 0.3270, 0.3334



76.6096, 0.3060, 0.3353



76.6096, 0.2987, 0.3243

Sweetspot

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



76.6129, 0.3194, 0.3228



96.5931, 0.3147, 0.3271



76.1063, 0.3093, 0.3133



20.7106, 0.3146, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

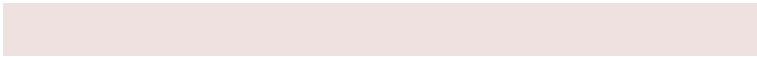
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6129, 0.3194, 0.3228



86.9028, 0.3213, 0.3211



77.0917, 0.3233, 0.3306



15.8633, 0.3231, 0.3196



10.6247, 0.5382, 0.2739



0.9030, 0.5034, 0.2547

Inverse Universe

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



76.6129, 0.3194, 0.3228



86.9028, 0.3213, 0.3211



82.1688, 0.3029, 0.3274



15.8633, 0.3231, 0.3196



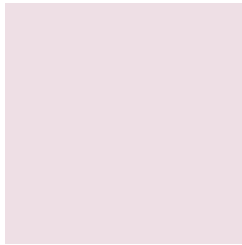
10.6247, 0.5382, 0.2739



0.9030, 0.5034, 0.2547

Previews

White Background



This preview shows how the Yxy color 76.6096, 0.3194, 0.3228 looks on a white background.

Color Contrast Check

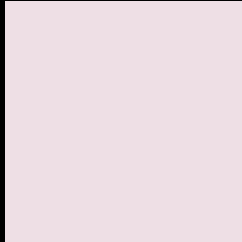
Large Text (above 18pt) WCAG AA × Fail

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 76.6096, 0.3194, 0.3228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

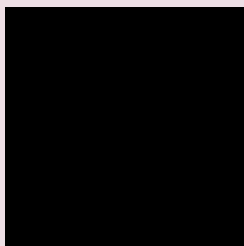
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

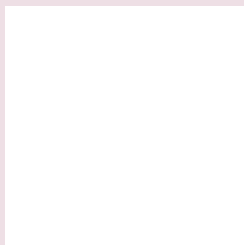
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6096, 0.3194, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 76.6096, 0.3194, 0.3228.

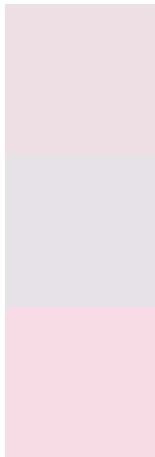


This preview shows how white text looks on a background with the Yxy color 76.6096, 0.3194, 0.3228.

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

76.6096, 0.3194, 0.3228

Protanopia

76.9852, 0.3123, 0.3238

Deuteranopia

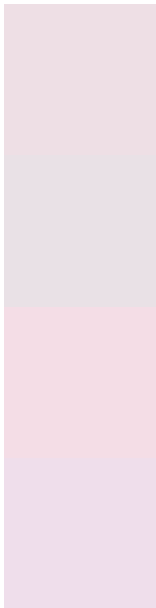
76.6737, 0.3254, 0.3189



Tritanopia

76.2956, 0.3136, 0.3106

Trichromacy



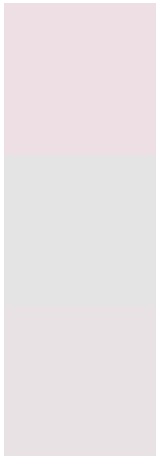
Original Color
76.6096, 0.3194, 0.3228

Protanomaly
76.8872, 0.3151, 0.3238

Deuteranomaly
76.6592, 0.3231, 0.3198

Tritanomaly
76.5914, 0.3162, 0.3157

Monochromacy



Original Color
76.6096, 0.3194, 0.3228

Achromatopsia
77.5822, 0.3127, 0.3290

Achromatomaly
77.1500, 0.3156, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6096, 0.3194, 0.3228 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(238, 223, 229) looks like.

```
.text, #text, p{  
    color:rgb(238, 223, 229)  
}
```

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(238, 223, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 223, 229) }
```

Border

The CSS property to change the border of an element to Yxy 76.6096, 0.3194, 0.3228 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(238, 223, 229) }
```

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

```
.border{ border-color:rgb(238, 223, 229) }
```

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

Here you see how a box with a 4 pixel rgb(238, 223, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 223, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 223, 229);  
box-shadow:4px 4px 4px 4px rgb(238, 223,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6096, 0.3194, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 223, 229) }
```

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

```
.background{ background-color: rgb(238,  
223, 229) }
```

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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