

Converting Colors

$Yxy(81.8612, 0.3199, 0.3278)$

Have a look what the booklet for
Yxy(81.8612, 0.3199, 0.3278)
contains.

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Color

Yxy(81.8553, 0.3196, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	F2E7E8
RGB	242, 231, 232
RGB Percent	95%, 91%, 91%
CMY	0.0510, 0.0941, 0.0902
CMYK	0.00, 0.05, 0.04, 0.05
HSL	355°, 30%, 93%
HSV	355°, 5%, 95%
XYZ	79.7590, 81.8553, 87.9445
YIQ	234.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

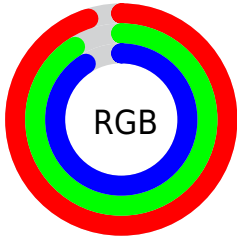
Format	Color
R _Y B	242, 231, 232
Decimal	15919080
CIE Lab	92.51, 3.89, 0.83
CIE LCh	93, 3.979, 12.051
Yxy	81.8553, 0.3196, 0.3280
Android (android.graphics.Color)	4294109160 (0xFF2E7E8)
YUV	234.4030, -1.1847, 6.6626
Hunter-Lab	90.4739, -0.9693, 5.6993

Details

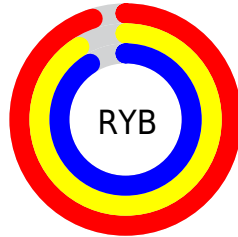
The Yxy color **81.8553, 0.3196, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.8432, 0.3062, 0.3300**, and the grayscale version is **82.6085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2336, 0.3217, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **68.0626, 0.3374, 0.3257**, and if you desaturate by 10%, it is **97.5527, 0.3053, 0.3299**.

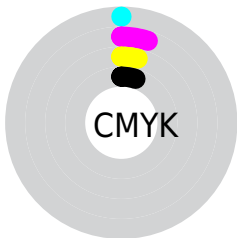
Distribution



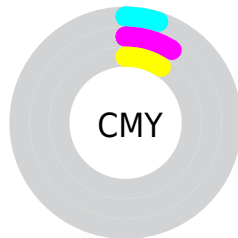
- Red (95%)
- Green (91%)
- Blue (91%)



- Red (95%)
- Yellow (91%)
- Blue (91%)



- Cyan (0%)
- Magenta (5%)
- Yellow (4%)
- Black (5%)





- Cyan (5%)
- Magenta (9%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.8553, 0.3196, 0.3280 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 81.8553, 0.3196, 0.3280 by changing the saturation by 10% instead.


 81.8553, 0.3196,
0.3280

 81.8553, 0.3196,
0.3280

501.1635, 0.3165,
0.3285

 61.2463, 0.3203,
0.3279


135.9711, 0.3185,
0.3282

 44.4239, 0.3212,
0.3278


170.2466, 0.3181,
0.3282

 31.0039, 0.3222,
0.3276


209.8464, 0.3177,
0.3283

 20.6018, 0.3236,
0.3274

255.1549, 0.3174,
0.3283

 12.8333, 0.3255,
0.3271

306.5565, 0.3171,
0.3284

 7.3138, 0.3281,
0.3267

364.4355, 0.3169,

 3.6591, 0.3322,

0.3284

0.3260

429.1764, 0.3167,
0.3284

■ 1.4848, 0.3390,
0.3249

■ 0.2780, 0.4074,
0.3152

■ 81.8553, 0.3196,
0.3280

■ 81.8553, 0.3196,
0.3280

■ 68.0626, 0.3374,
0.3257

■ 97.5527, 0.3053,
0.3299

■ 56.2135, 0.3597,
0.3232

■ 97.6167, 0.3047,
0.3290

■ 46.2237, 0.3872,
0.3208

■ 37.9989, 0.4209,
0.3185

■ 31.4363, 0.4606,
0.3168

■ 26.4226, 0.5052,
0.3161

■ 22.8303, 0.5509,
0.3168

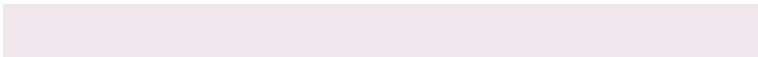
■ 20.5115, 0.5918,
0.3194

■ 19.2858, 0.6214,
0.3234

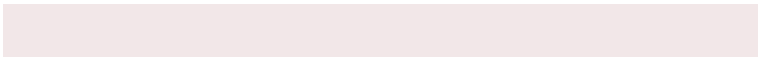
Harmonies

Analogous

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



81.8553, 0.3157, 0.3242



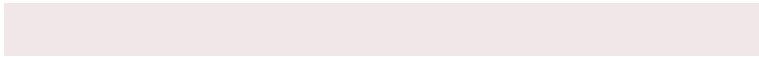
81.8553, 0.3196, 0.3280



81.8553, 0.3216, 0.3321

Triad

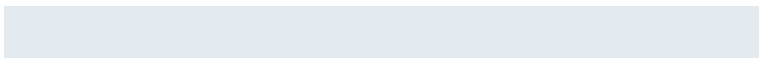
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.8553, 0.3196, 0.3280



81.8553, 0.3143, 0.3364



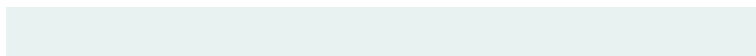
81.8553, 0.3043, 0.3227

Complementary

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



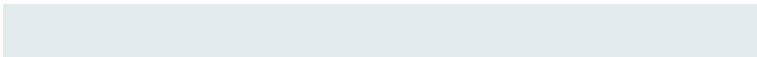
81.8553, 0.3196, 0.3280



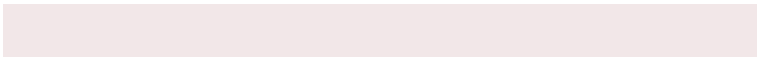
86.8432, 0.3062, 0.3300

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.



81.8553, 0.3039, 0.3259



81.8553, 0.3196, 0.3280



81.8553, 0.3097, 0.3339

Square

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



81.8553, 0.3196, 0.3280



81.8553, 0.3186, 0.3370



81.8553, 0.3059, 0.3300



81.8553, 0.3069, 0.3212

Rectangle

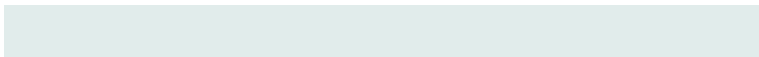
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



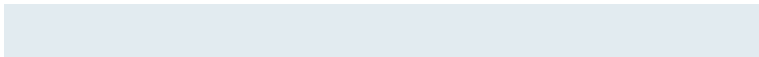
81.8553, 0.3196, 0.3280



81.8553, 0.3216, 0.3344



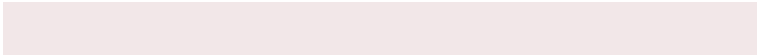
81.8553, 0.3059, 0.3300



81.8553, 0.3039, 0.3236

Sweetspot

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



81.8589, 0.3196, 0.3280



98.2354, 0.3142, 0.3288



82.2489, 0.3125, 0.3179



21.0450, 0.3141, 0.3288



0.0000, 0.0000, 0.0000



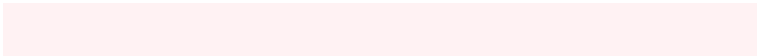
21.4041, 0.3127, 0.3290

Same Dimension

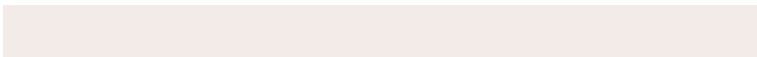
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8589, 0.3196, 0.3280



91.4092, 0.3204, 0.3279



84.2942, 0.3199, 0.3335



16.9160, 0.3214, 0.3277



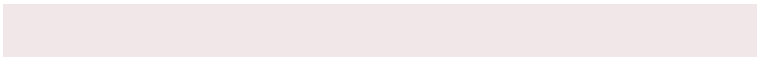
10.1806, 0.6298, 0.3243



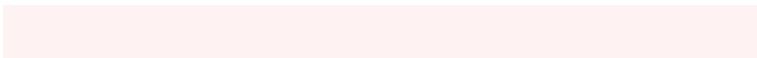
0.8548, 0.6067, 0.3116

Inverse Universe

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



81.8589, 0.3196, 0.3280



91.4092, 0.3204, 0.3279



84.3176, 0.3057, 0.3245



16.9160, 0.3214, 0.3277



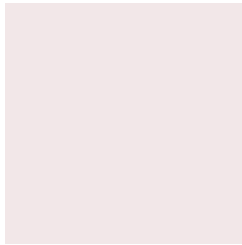
10.1806, 0.6298, 0.3243



0.8548, 0.6067, 0.3116

Previews

White Background



This preview shows how the Yxy color 81.8553, 0.3196, 0.3280 looks on a white background.

Color Contrast Check

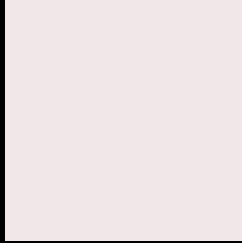
Large Text (above 18pt) WCAG AA × Fail

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 81.8553, 0.3196, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

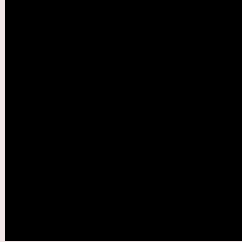
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

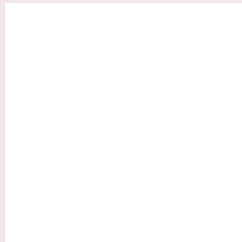
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.8553, 0.3196, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 81.8553, 0.3196, 0.3280.

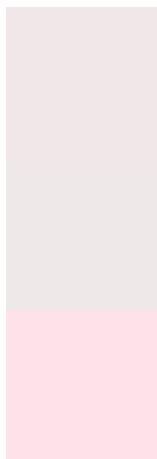


This preview shows how white text looks on a background with the Yxy color 81.8553, 0.3196, 0.3280.

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

81.8553, 0.3196, 0.3280

Protanopia

81.7736, 0.3162, 0.3280

Deuteranopia

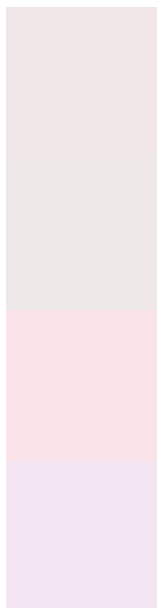
81.5359, 0.3285, 0.3221



Tritanopia

81.9871, 0.3115, 0.3110

Trichromacy



Original Color

81.8553, 0.3196, 0.3280

Protanomaly

81.9471, 0.3168, 0.3280

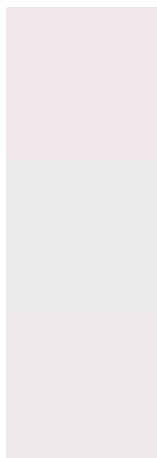
Deuteranomaly

81.6940, 0.3248, 0.3240

Tritanomaly

82.0591, 0.3140, 0.3169

Monochromacy



Original Color

81.8553, 0.3196, 0.3280

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.1655, 0.3154, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.8553, 0.3196, 0.3280 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(242, 231, 232)` looks like.

```
.text, #text, p{  
    color:rgb(242, 231, 232)  
}
```

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(242, 231, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 231, 232) }
```

Border

The CSS property to change the border of an element to Yxy 81.8553, 0.3196, 0.3280 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(242, 231, 232) }
```

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

```
.border{ border-color:rgb(242, 231, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 231, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 231, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 231, 232);  
box-shadow:4px 4px 4px 4px rgb(242, 231,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 81.8553, 0.3196, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 231, 232) }
```

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

```
.background{ background-color: rgb(242,  
231, 232) }
```

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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