

Converting Colors

$Yxy(81.4891, 0.3275, 0.3433)$

Have a look what the booklet for
Yxy(81.4891, 0.3275, 0.3433)
contains.

Yxy(81.4760, 0.3279, 0.3435)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.4760, 0.3279, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	F1E8DA
RGB	241, 232, 218
RGB Percent	95%, 91%, 85%
CMY	0.0550, 0.0901, 0.1452
CMYK	0.00, 0.04, 0.10, 0.06
HSL	37°, 45%, 90%
HSV	37°, 10%, 94%
XYZ	77.7758, 81.4760, 77.9418
YIQ	233.0950, 9.8580, -2.4460

Conversions

Conversions Part 2

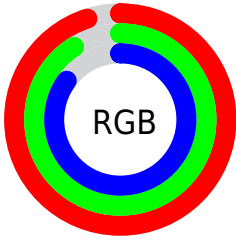
Format	Color
R_{YB}	233, 241, 218
Decimal	15853786
CIE _{Lab}	92.34, 0.67, 7.89
CIE _{LCh}	92, 7.918, 85.124
Yxy	81.4760, 0.3279, 0.3435
Android (android.graphics.Color)	4294043866 (0xFFFF1E8DA)
YUV	233.0950, -7.4418, 6.9327
Hunter-Lab	90.2641, -4.1581, 11.9887

Details

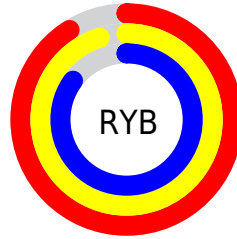
The Yxy color **81.4760, 0.3279, 0.3435** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **76.1487, 0.2979, 0.3141**, and the grayscale version is **81.6103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0093, 0.3316, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **75.1680, 0.3456, 0.3595**, and if you desaturate by 10%, it is **88.2563, 0.3120, 0.3283**.

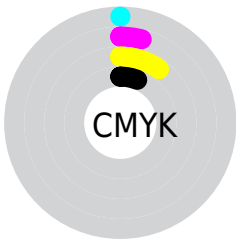
Distribution



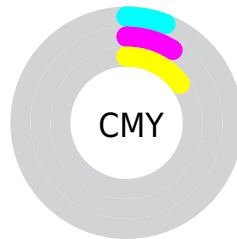
- Red (95%)
- Green (91%)
- Blue (85%)



- Red (91%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.4760, 0.3279, 0.3435 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 81.4760, 0.3279, 0.3435 by changing the saturation by 10% instead.

81.4760, 0.3279,
0.3435

81.4760, 0.3279,
0.3435

499.8932, 0.3210,
0.3369

60.9337, 0.3294,
0.3450

135.4389, 0.3255,
0.3412

44.1717, 0.3313,
0.3468

169.6284, 0.3246,
0.3404

30.8055, 0.3337,
0.3490

209.1356, 0.3238,
0.3396

20.4508, 0.3368,
0.3519

254.3451, 0.3231,
0.3389

12.7231, 0.3409,
0.3558

305.6412, 0.3225,
0.3383

7.2382, 0.3468,
0.3613

363.4084, 0.3219,

3.6115, 0.3556,

0.3378

0.3696

428.0309, 0.3214,
0.3374

■ 1.4587, 0.3705,
0.3834

■ 0.2594, 0.5034,
0.4966

■ 81.4760, 0.3279,
0.3435

■ 81.4760, 0.3279,
0.3435

■ 75.1680, 0.3456,
0.3595

■ 88.2563, 0.3120,
0.3283

■ 69.3094, 0.3652,
0.3758

■ 94.7693, 0.3042,
0.3248

■ 63.8908, 0.3865,
0.3921

■ 97.4347, 0.3041,
0.3290

■ 58.8985, 0.4091,
0.4074

■ 54.3179, 0.4323,
0.4207

■ 50.1330, 0.4552,
0.4309

■ 46.3260, 0.4764,
0.4367

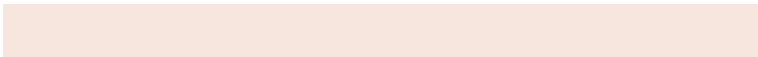
■ 42.8766, 0.4947,
0.4374

■ 39.7555, 0.5098,
0.4331

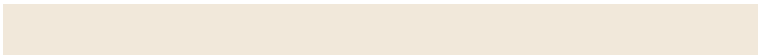
Harmonies

Analogous

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



81.4760, 0.3308, 0.3381



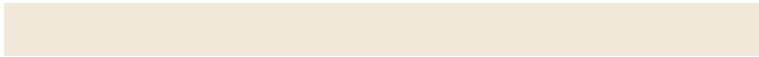
81.4760, 0.3279, 0.3435



81.4760, 0.3209, 0.3450

Triad

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



81.4760, 0.3279, 0.3435



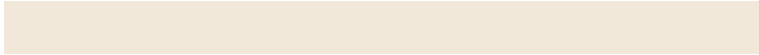
81.4760, 0.2969, 0.3272



81.4760, 0.3134, 0.3164

Complementary

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



81.4760, 0.3279, 0.3435



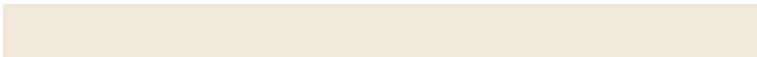
76.1487, 0.2979, 0.3141

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.



81.4760, 0.3044, 0.3135



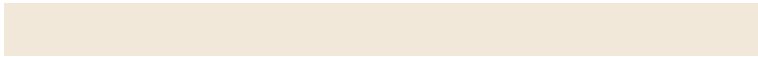
81.4760, 0.3279, 0.3435



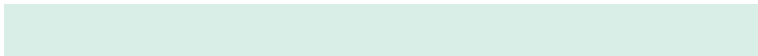
81.4760, 0.2950, 0.3195

Square

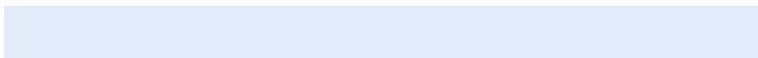
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



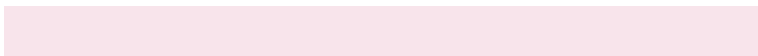
81.4760, 0.3279, 0.3435



81.4760, 0.3030, 0.3355



81.4760, 0.2977, 0.3146



81.4760, 0.3224, 0.3226

Rectangle

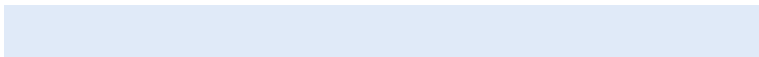
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.4760, 0.3279, 0.3435



81.4760, 0.3149, 0.3436



81.4760, 0.2977, 0.3146



81.4760, 0.3103, 0.3150

Sweetspot

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



81.4796, 0.3279, 0.3435



97.6320, 0.3173, 0.3335



74.3826, 0.3231, 0.3195



20.7636, 0.3186, 0.3347



0.0000, 0.0000, 0.0000



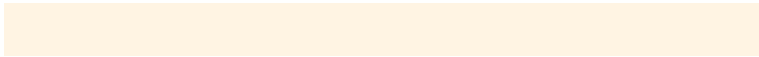
21.4041, 0.3127, 0.3290

Same Dimension

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



81.4796, 0.3279, 0.3435



91.5545, 0.3304, 0.3458



86.2437, 0.3254, 0.3526



17.3660, 0.3278, 0.3434



21.7607, 0.5086, 0.4344



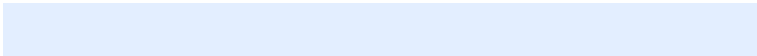
2.0029, 0.4937, 0.4462

Inverse Universe

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



76.1487, 0.2979, 0.3141



84.6146, 0.2955, 0.3116



71.7402, 0.2994, 0.3045



16.2377, 0.2980, 0.3142



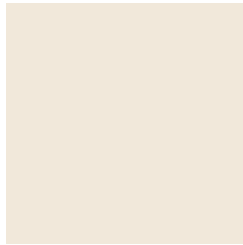
8.0089, 0.1676, 0.1232



0.8540, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 81.4760, 0.3279, 0.3435 looks on a white background.

Color Contrast Check

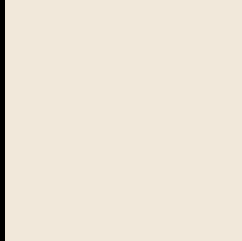
Large Text (above 18pt) WCAG AA × Fail

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 81.4760, 0.3279, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

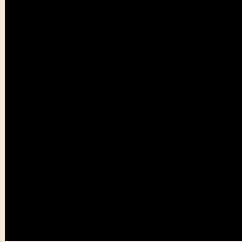
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

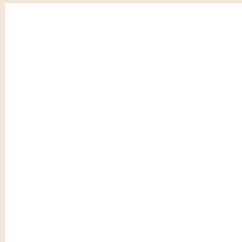
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.4760, 0.3279, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 81.4760, 0.3279, 0.3435.

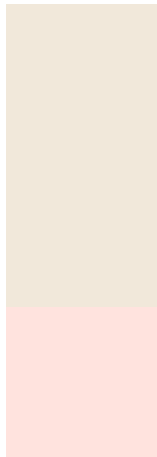


This preview shows how white text looks on a background with the Yxy color 81.4760, 0.3279, 0.3435.

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

81.4760, 0.3279, 0.3435

Protanopia

81.4760, 0.3279, 0.3435

Deuteranopia

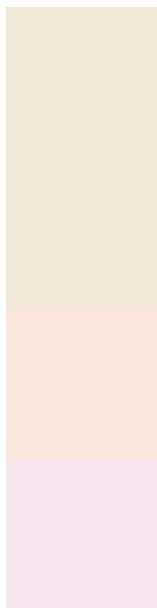
81.4721, 0.3358, 0.3341



Tritanopia

81.5531, 0.3129, 0.3110

Trichromacy



Original Color

81.4760, 0.3279, 0.3435

Protanomaly

81.4760, 0.3279, 0.3435

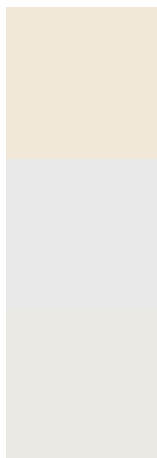
Deuteranomaly

81.5831, 0.3326, 0.3371

Tritanomaly

81.3278, 0.3185, 0.3220

Monochromacy



Original Color

81.4760, 0.3279, 0.3435

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.7121, 0.3179, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.4760, 0.3279, 0.3435 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(241, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(241, 232, 218)  
}
```

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(241, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 232, 218) }
```

Border

The CSS property to change the border of an element to Yxy 81.4760, 0.3279, 0.3435 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(241, 232, 218) }
```

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

```
.border{ border-color:rgb(241, 232, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 232, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(241, 232,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 81.4760, 0.3279, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 232, 218) }
```

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

```
.background{ background-color: rgb(241,  
232, 218) }
```

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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