

Converting Colors

$Y_{xy}(81.0525, 0.3245, 0.3301)$

Have a look what the booklet for
Yxy(81.0525, 0.3245, 0.3301)
contains.

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Color

Yxy(81.0525, 0.3245, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	F5E5E4
RGB	245, 229, 228
RGB Percent	96%, 90%, 89%
CMY	0.0392, 0.1019, 0.1061
CMYK	0.00, 0.07, 0.07, 0.04
HSL	4°, 46%, 93%
HSV	4°, 7%, 96%
XYZ	79.6775, 81.0525, 84.8093
YIQ	233.6700, 9.8570, 3.0810

Conversions

Conversions Part 2

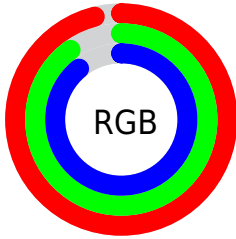
Format	Color
R _Y B	245, 229, 228
Decimal	16115172
CIE Lab	92.16, 5.26, 2.46
CIE LCh	92, 5.810, 25.022
Yxy	81.0525, 0.3245, 0.3301
Android (android.graphics.Color)	4294305252 (0xFF5E5E4)
YUV	233.6700, -2.7953, 9.9364
Hunter-Lab	90.0292, 0.4248, 7.1681

Details

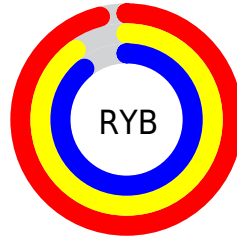
The Yxy color **81.0525, 0.3245, 0.3301** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.7594, 0.3019, 0.3279**, and the grayscale version is **82.0344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1081, 0.3270, 0.3303** is the 20% darker color. If you saturate the color by 10%, you get **67.8986, 0.3449, 0.3318**, and if you desaturate by 10%, it is **96.0911, 0.3081, 0.3285**.

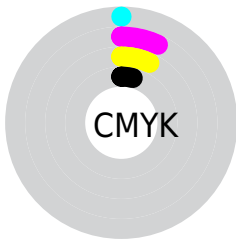
Distribution



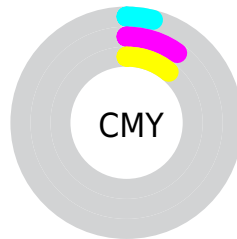
- Red (96%)
- Green (90%)
- Blue (89%)



- Red (96%)
- Yellow (90%)
- Blue (89%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (4%)





- Cyan (4%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0525, 0.3245, 0.3301 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 81.0525, 0.3245, 0.3301 by changing the saturation by 10% instead.

 81.0525, 0.3245,
0.3301

 81.0525, 0.3245,
0.3301


498.4728, 0.3191,
0.3296

 60.5848, 0.3257,
0.3302


134.8445, 0.3227,
0.3299

 43.8902, 0.3272,
0.3303


168.9376, 0.3219,
0.3299

 30.5842, 0.3291,
0.3305


208.3413, 0.3213,
0.3298

 20.2824, 0.3315,
0.3306

253.4400, 0.3208,
0.3298

 12.6005, 0.3347,
0.3309

304.6181, 0.3203,
0.3297

 7.1540, 0.3393,
0.3312

362.2600, 0.3199,

 3.5586, 0.3464,

0.3297

0.3316

426.7501, 0.3195,
0.3297

■ 1.4299, 0.3585,
0.3321

■ 0.2386, 0.5211,
0.3499

■ 81.0525, 0.3245,
0.3301

■ 81.0525, 0.3245,
0.3301

■ 67.8986, 0.3449,
0.3318

■ 96.0911, 0.3081,
0.3285

■ 56.5450, 0.3701,
0.3336

■ 98.1553, 0.3066,
0.3290

■ 46.9167, 0.4011,
0.3354

■ 38.9291, 0.4384,
0.3370

■ 32.4908, 0.4815,
0.3382

■ 27.5012, 0.5281,
0.3386

■ 23.8480, 0.5733,
0.3379

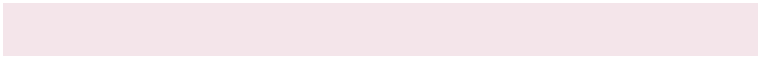
■ 21.4021, 0.6100,
0.3359

■ 20.0088, 0.6324,
0.3331

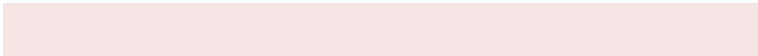
Harmonies

Analogous

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



81.0525, 0.3198, 0.3243



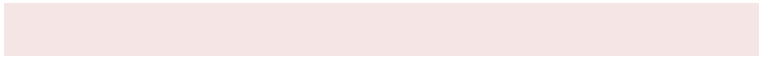
81.0525, 0.3245, 0.3301



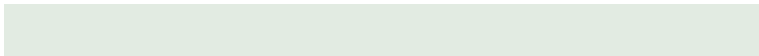
81.0525, 0.3260, 0.3357

Triad

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



81.0525, 0.3245, 0.3301



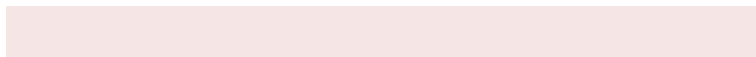
81.0525, 0.3121, 0.3386



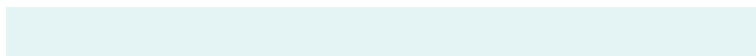
81.0525, 0.3016, 0.3184

Complementary

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



81.0525, 0.3245, 0.3301



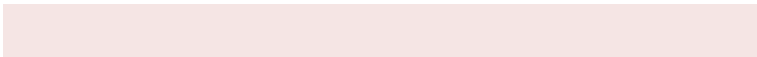
87.7594, 0.3019, 0.3279

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.



81.0525, 0.2996, 0.3221



81.0525, 0.3245, 0.3301



81.0525, 0.3056, 0.3338

Square

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



81.0525, 0.3245, 0.3301



81.0525, 0.3188, 0.3407



81.0525, 0.3011, 0.3278



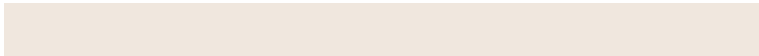
81.0525, 0.3066, 0.3175

Rectangle

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



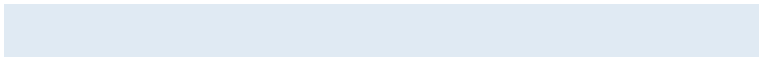
81.0525, 0.3245, 0.3301



81.0525, 0.3250, 0.3386



81.0525, 0.3011, 0.3278



81.0525, 0.3006, 0.3193

Sweetspot

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



81.0560, 0.3245, 0.3301



96.6604, 0.3159, 0.3293



81.4182, 0.3141, 0.3128



20.7243, 0.3158, 0.3293



0.0000, 0.0000, 0.0000



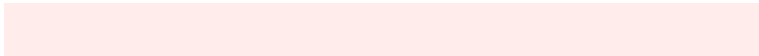
21.4041, 0.3127, 0.3290

Same Dimension

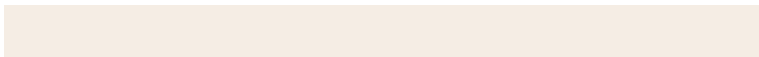
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.0560, 0.3245, 0.3301



87.1442, 0.3264, 0.3303



85.7783, 0.3237, 0.3385



16.6464, 0.3292, 0.3305



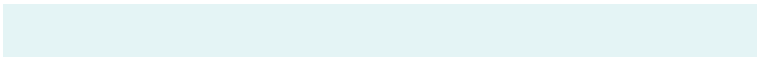
10.7084, 0.6357, 0.3335



0.9977, 0.6248, 0.3421

Inverse Universe

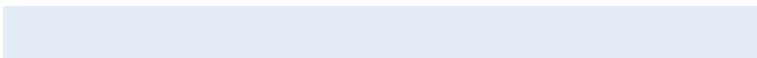
The Inverse Universe completely reimagines the original color for something new.



87.7594, 0.3019, 0.3279



95.5342, 0.3003, 0.3277



82.8589, 0.3020, 0.3193



18.5725, 0.2981, 0.3275



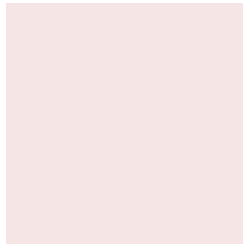
34.0837, 0.2194, 0.3096



3.0477, 0.2201, 0.3122

Previews

White Background



This preview shows how the Yxy color 81.0525, 0.3245, 0.3301 looks on a white background.

Color Contrast Check

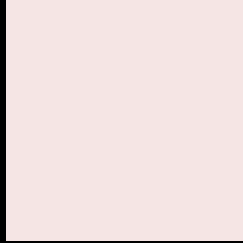
Large Text (above 18pt) WCAG AA × Fail

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 81.0525, 0.3245, 0.3301 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

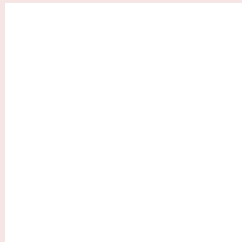
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0525, 0.3245, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 81.0525, 0.3245, 0.3301.

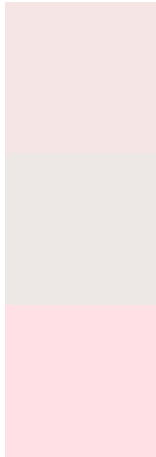


This preview shows how white text looks on a background with the Yxy color 81.0525, 0.3245, 0.3301.

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

81.0525, 0.3245, 0.3301

Protanopia

80.8135, 0.3181, 0.3311

Deuteranopia

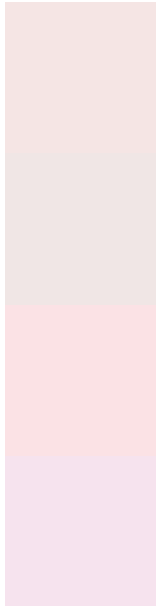
80.7676, 0.3313, 0.3251



Tritanopia

80.6985, 0.3156, 0.3111

Trichromacy



Original Color

81.0525, 0.3245, 0.3301

Protanomaly

80.7760, 0.3202, 0.3300

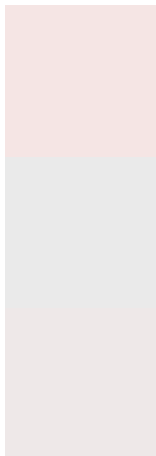
Deuteranomaly

80.5591, 0.3283, 0.3260

Tritanomaly

80.7040, 0.3188, 0.3180

Monochromacy



Original Color

81.0525, 0.3245, 0.3301

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.7166, 0.3168, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0525, 0.3245, 0.3301 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(245, 229, 228)` looks like.

```
.text, #text, p{  
    color:rgb(245, 229, 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(245, 229, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 229, 228) }
```

Border

The CSS property to change the border of an element to Yxy 81.0525, 0.3245, 0.3301 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(245, 229, 228) }
```

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

```
.border{ border-color:rgb(245, 229, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 229, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 229, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 229, 228);  
box-shadow:4px 4px 4px 4px rgb(245, 229,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0525, 0.3245, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 229, 228) }
```

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

```
.background{ background-color: rgb(245,  
229, 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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