

Converting Colors

Yxy(82.4308, 0.2994, 0.3197)

Have a look what the booklet for
Yxy(82.4308, 0.2994, 0.3197)
contains.

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Color

Yxy(82.4308, 0.2994, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	E0ECF5
RGB	224, 236, 245
RGB Percent	88%, 93%, 96%
CMY	0.1219, 0.0744, 0.0393
CMYK	0.09, 0.04, 0.00, 0.04
HSL	206°, 51%, 92%
HSV	206°, 9%, 96%
XYZ	77.1967, 82.4308, 98.2105
YIQ	233.4380, -10.0410, 0.2550

Conversions

Conversions Part 2

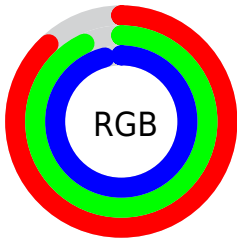
Format	Color
R_{YB}	224, 232, 245
Decimal	14740725
CIE _{Lab}	92.76, -2.31, -5.71
CIE _{LCh}	93, 6.163, 248.008
Y _{xy}	82.4308, 0.2994, 0.3197
Android (android.graphics.Color)	4292930805 (0xFFE0ECF5)
Y_{UV}	233.4380, 5.7001, -8.2771
Hunter-Lab	90.7914, -7.1128, -0.5809

Details

The Yxy color **82.4308, 0.2994, 0.3197** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9929, 0.3267, 0.3381**, and the grayscale version is **81.7876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7517, 0.2965, 0.3169** is the 20% darker color. If you saturate the color by 10%, you get **72.9759, 0.2836, 0.3078**, and if you desaturate by 10%, it is **92.8061, 0.3149, 0.3304**.

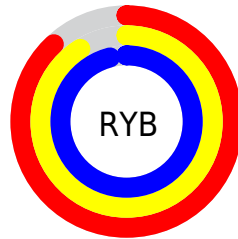
Distribution



Red (88%)

Green (93%)

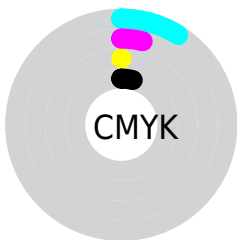
Blue (96%)



Red (88%)

Yellow (91%)

Blue (96%)

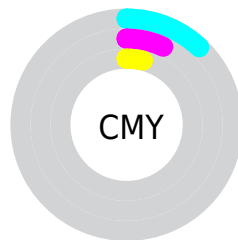


Cyan (9%)

Magenta (4%)

Yellow (0%)

Black (4%)



Cyan (12%)

Magenta (7%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4308, 0.2994, 0.3197 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 82.4308, 0.2994, 0.3197 by changing the saturation by 10% instead.

■ 82.4308, 0.2994,
0.3197

■ 82.4308, 0.2994,
0.3197

503.0876, 0.3054,
0.3239

■ 61.7207, 0.2981,
0.3187

136.7780, 0.3015,
0.3212

■ 44.8071, 0.2964,
0.3176

171.1838, 0.3023,
0.3217

■ 31.3055, 0.2944,
0.3161

210.9237, 0.3030,
0.3222

■ 20.8316, 0.2917,
0.3142

256.3820, 0.3036,
0.3226

■ 13.0009, 0.2882,
0.3117

307.9432, 0.3041,
0.3230

■ 7.4292, 0.2833,
0.3081

365.9916, 0.3046,

■ 3.7319, 0.2759,

0.3234

430.9116, 0.3050,
0.3237

0.3026

■ 1.5248, 0.2636,
0.2934

■ 0.3061, 0.1842,
0.2404

■ 82.4308, 0.2994,
0.3197

■ 82.4308, 0.2994,
0.3197

■ 72.9759, 0.2836,
0.3078

■ 92.8061, 0.3149,
0.3304

■ 64.4012, 0.2676,
0.2946

■ 99.3713, 0.3185,
0.3386

■ 56.6782, 0.2518,
0.2803

■ 49.7730, 0.2366,
0.2650

■ 43.6487, 0.2225,
0.2488

■ 38.2648, 0.2099,
0.2322

■ 33.5759, 0.1992,
0.2155

■ 29.5293, 0.1907,
0.1990

■ 26.0518, 0.1844,
0.1831

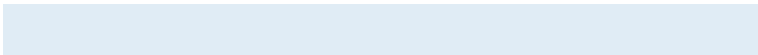
Harmonies

Analogous

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



82.4308, 0.2993, 0.3249



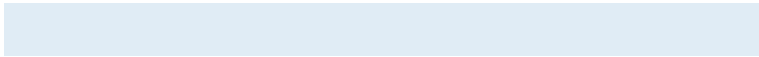
82.4308, 0.2994, 0.3197



82.4308, 0.3030, 0.3170

Triad

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



82.4308, 0.2994, 0.3197



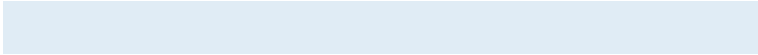
82.4308, 0.3227, 0.3266



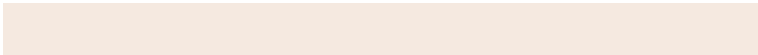
82.4308, 0.3161, 0.3408

Complementary

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



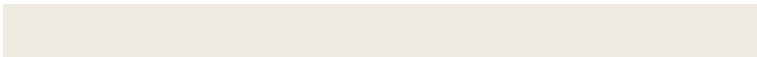
82.4308, 0.2994, 0.3197



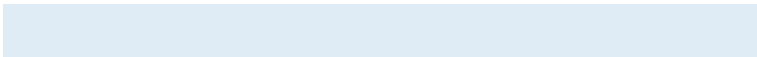
82.9929, 0.3267, 0.3381

Split Complementary

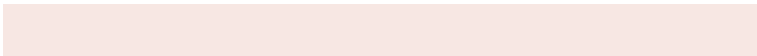
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4308, 0.3225, 0.3412



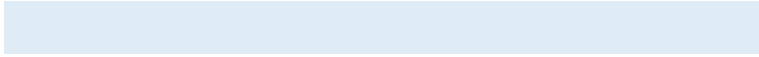
82.4308, 0.2994, 0.3197



82.4308, 0.3263, 0.3328

Square

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



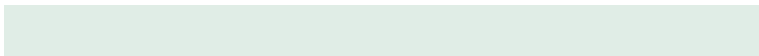
82.4308, 0.2994, 0.3197



82.4308, 0.3164, 0.3210



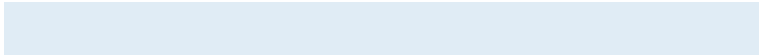
82.4308, 0.3262, 0.3382



82.4308, 0.3090, 0.3372

Rectangle

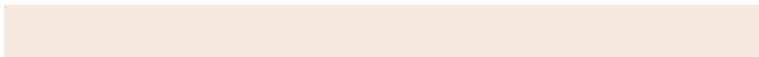
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4308, 0.2994, 0.3197



82.4308, 0.3069, 0.3170



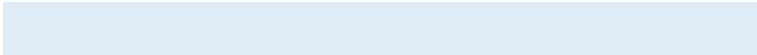
82.4308, 0.3262, 0.3382



82.4308, 0.3184, 0.3413

Sweetspot

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



82.4343, 0.2994, 0.3197



96.5206, 0.3081, 0.3259



86.9934, 0.3065, 0.3417



20.4637, 0.3069, 0.3250



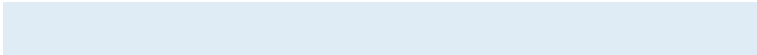
0.0000, 0.0000, 0.0000



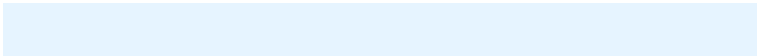
21.4041, 0.3127, 0.3290

Same Dimension

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



82.4343, 0.2994, 0.3197



88.7585, 0.2972, 0.3181



76.6445, 0.2994, 0.3088



17.5089, 0.2980, 0.3187



14.0719, 0.1843, 0.1834



1.4402, 0.1898, 0.2034

Inverse Universe

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



78.7370, 0.3196, 0.3168



84.1172, 0.3208, 0.3147



89.0223, 0.3257, 0.3484



16.6423, 0.3203, 0.3155



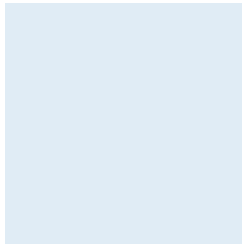
11.5199, 0.4645, 0.2332



1.0330, 0.4415, 0.2206

Previews

White Background



This preview shows how the Yxy color 82.4308, 0.2994, 0.3197 looks on a white background.

Color Contrast Check

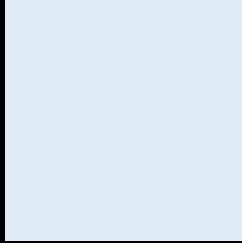
Large Text (above 18pt) WCAG AA × Fail

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 82.4308, 0.2994, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

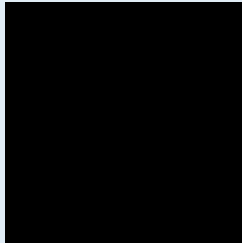
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

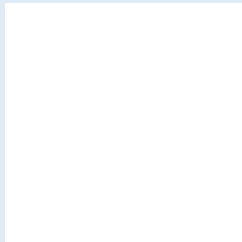
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4308, 0.2994, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 82.4308, 0.2994, 0.3197.

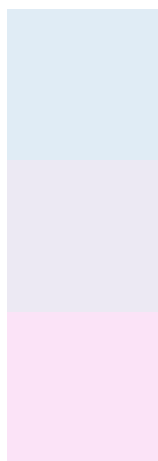


This preview shows how white text looks on a background with the Yxy color 82.4308, 0.2994, 0.3197.

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

82.4308, 0.2994, 0.3197

Protanopia

82.5818, 0.3085, 0.3188

Deuteranopia

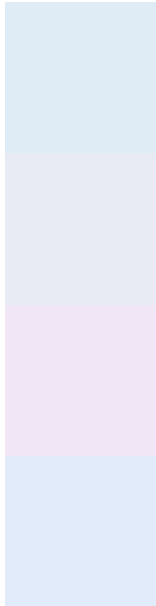
82.1628, 0.3164, 0.3093



Tritanopia

82.5161, 0.2954, 0.3105

Trichromacy



Original Color

82.4308, 0.2994, 0.3197

Protanomaly

82.5331, 0.3052, 0.3188

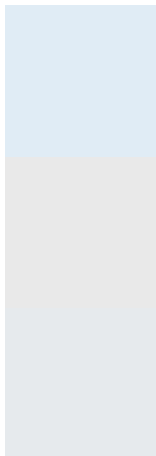
Deuteranomaly

81.9482, 0.3101, 0.3129

Tritanomaly

82.3263, 0.2971, 0.3135

Monochromacy



Original Color

82.4308, 0.2994, 0.3197

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.7831, 0.3082, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4308, 0.2994, 0.3197 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(224, 236, 245)` looks like.

```
.text, #text, p{  
    color:rgb(224, 236, 245)  
}
```

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(224, 236, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 236, 245) }
```

Border

The CSS property to change the border of an element to Yxy 82.4308, 0.2994, 0.3197 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(224, 236, 245) }
```

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

```
.border{ border-color:rgb(224, 236, 245) }
```

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

Here you see how a box with a 4 pixel rgb(224, 236, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 236, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 236, 245);  
box-shadow:4px 4px 4px 4px rgb(224, 236,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4308, 0.2994, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 236, 245) }
```

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

```
.background{ background-color: rgb(224,  
236, 245) }
```

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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