

Converting Colors

$Yxy(78.5470, 0.2939, 0.3115)$

Have a look what the booklet for
Yxy(78.5470, 0.2939, 0.3115)
contains.

Yxy(78.7727, 0.2944, 0.3122)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.7727, 0.2944, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	DAE7F7
RGB	218, 231, 247
RGB Percent	85%, 91%, 97%
CMY	0.1450, 0.0941, 0.0315
CMYK	0.12, 0.06, 0.00, 0.03
HSL	213°, 64%, 91%
HSV	213°, 12%, 97%
XYZ	74.2815, 78.7727, 99.2607
YIQ	228.9370, -12.8840, 2.2200

Conversions

Conversions Part 2

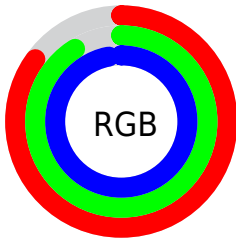
Format	Color
R _Y B	218, 227, 247
Decimal	14346231
CIE Lab	91.13, -1.22, -9.22
CIE LCh	91, 9.296, 262.488
Yxy	78.7727, 0.2944, 0.3122
Android (android.graphics.Color)	4292536311 (0xFFDAE7F7)
YUV	228.9370, 8.9051, -9.5917
Hunter-Lab	88.7540, -5.9262, -4.1809

Details

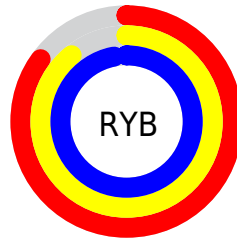
The Yxy color **78.7727, 0.2944, 0.3122** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6824, 0.3318, 0.3453**, and the grayscale version is **78.2510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2081, 0.2900, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **67.9109, 0.2780, 0.2960**, and if you desaturate by 10%, it is **90.8028, 0.3101, 0.3267**.

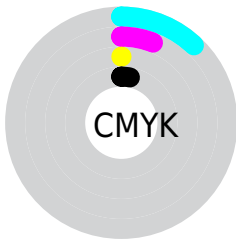
Distribution



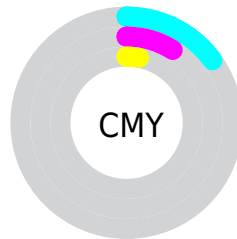
- Red (85%)
- Green (91%)
- Blue (97%)



- Red (85%)
- Yellow (89%)
- Blue (97%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.7727, 0.2944, 0.3122 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 78.7727, 0.2944, 0.3122 by changing the saturation by 10% instead.

■ 78.7727, 0.2944,
0.3122

■ 78.7727, 0.2944,
0.3122

490.7871, 0.3027,
0.3199

■ 58.7089, 0.2925,
0.3105

131.6388, 0.2973,
0.3148

■ 42.3789, 0.2902,
0.3084

165.2100, 0.2984,
0.3159

■ 29.3981, 0.2874,
0.3057

204.0524, 0.2994,
0.3168

■ 19.3822, 0.2837,
0.3022

248.5504, 0.3002,
0.3175

■ 11.9467, 0.2787,
0.2976

299.0885, 0.3009,
0.3182

■ 6.7074, 0.2717,
0.2910

356.0511, 0.3016,

■ 3.2798, 0.2610,

0.3188

0.2810

419.8225, 0.3022,
0.3194

■ 1.2795, 0.2431,
0.2639

■ 0.1252, 0.0898,
0.1258

■ 78.7727, 0.2944,
0.3122

■ 78.7727, 0.2944,
0.3122

■ 67.9109, 0.2780,
0.2960

■ 90.8028, 0.3101,
0.3267

■ 58.1690, 0.2611,
0.2782

■ 99.4936, 0.3174,
0.3367

■ 49.5095, 0.2442,
0.2588

■ 41.8887, 0.2277,
0.2382

■ 35.2597, 0.2121,
0.2167

■ 29.5706, 0.1982,
0.1949

■ 24.7638, 0.1865,
0.1735

■ 20.7722, 0.1773,
0.1533

■ 18.0063, 0.1716,
0.1378

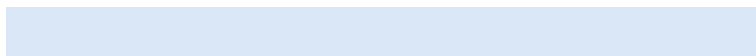
Harmonies

Analogous

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



78.7727, 0.2917, 0.3184



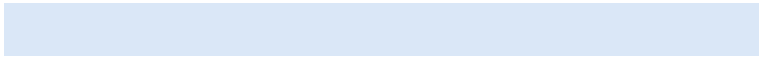
78.7727, 0.2944, 0.3122



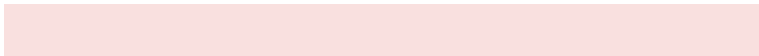
78.7727, 0.3020, 0.3105

Triad

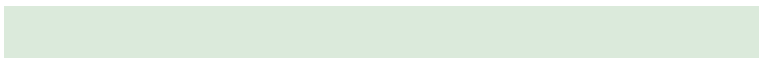
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.7727, 0.2944, 0.3122



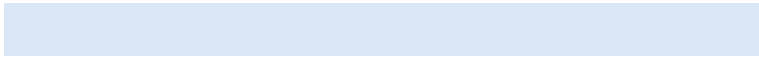
78.7727, 0.3313, 0.3299



78.7727, 0.3126, 0.3451

Complementary

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



78.7727, 0.2944, 0.3122



83.6824, 0.3318, 0.3453

Split Complementary

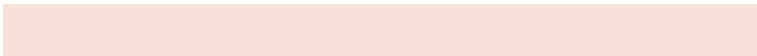
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.7727, 0.3233, 0.3481



78.7727, 0.2944, 0.3122



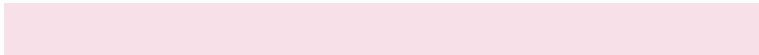
78.7727, 0.3343, 0.3391

Square

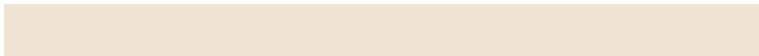
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



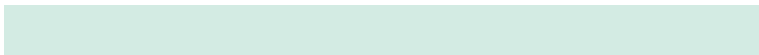
78.7727, 0.2944, 0.3122



78.7727, 0.3234, 0.3206



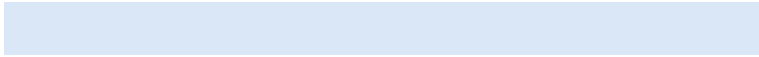
78.7727, 0.3313, 0.3458



78.7727, 0.3020, 0.3376

Rectangle

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



78.7727, 0.2944, 0.3122



78.7727, 0.3089, 0.3121



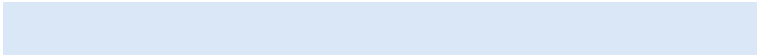
78.7727, 0.3313, 0.3458



78.7727, 0.3163, 0.3467

Sweetspot

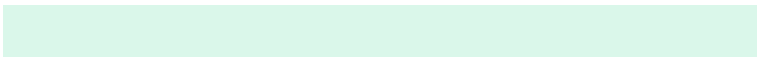
The Sweet Spot groups the original color and five complimentary colors.



78.7760, 0.2944, 0.3122



94.5768, 0.3066, 0.3235



87.3524, 0.3021, 0.3426



20.0299, 0.3054, 0.3225



0.0000, 0.0000, 0.0000



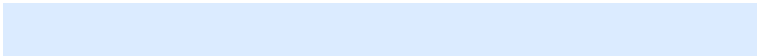
21.4041, 0.3127, 0.3290

Same Dimension

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



78.7760, 0.2944, 0.3122



81.9121, 0.2907, 0.3086



72.0097, 0.2951, 0.2984



17.1492, 0.2980, 0.3156



9.7995, 0.1725, 0.1408



1.0633, 0.1791, 0.1648

Inverse Universe

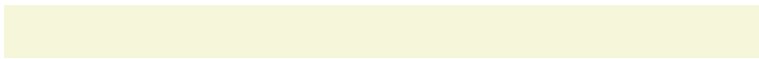
The Inverse Universe completely reimagines the original color for something new.



75.6996, 0.3248, 0.3159



78.0949, 0.3276, 0.3132



91.0746, 0.3293, 0.3581



16.6059, 0.3223, 0.3184



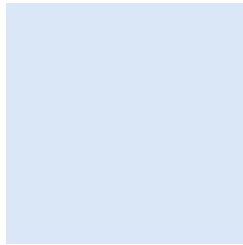
11.0886, 0.5180, 0.2627



0.9950, 0.4871, 0.2457

Previews

White Background



This preview shows how the Yxy color 78.7727, 0.2944, 0.3122 looks on a white background.

Color Contrast Check

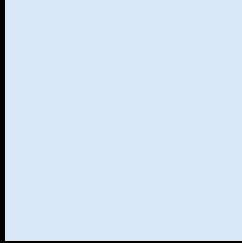
Large Text (above 18pt) WCAG AA × Fail

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 78.7727, 0.2944, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

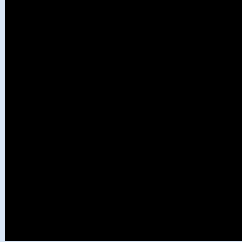
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

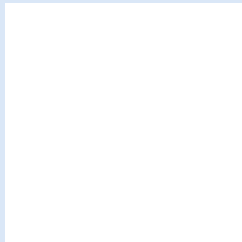
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7727, 0.2944, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 78.7727, 0.2944, 0.3122.

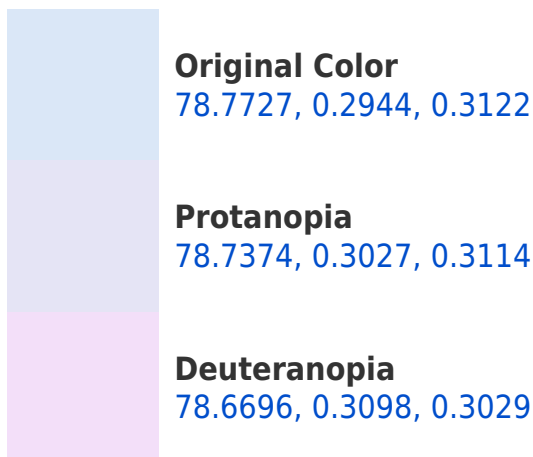


This preview shows how white text looks on a background with the Yxy color 78.7727, 0.2944, 0.3122.

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

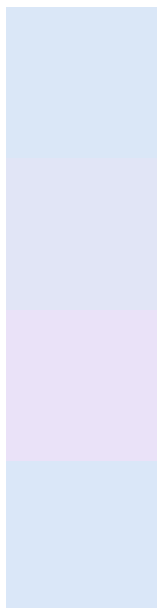




Tritanopia

78.8968, 0.2932, 0.3101

Trichromacy



Original Color

78.7727, 0.2944, 0.3122

Protanomaly

78.7000, 0.2995, 0.3113

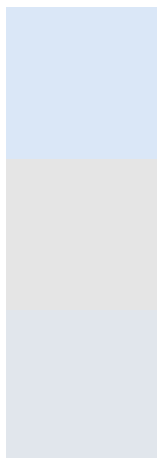
Deuteranomaly

78.6624, 0.3042, 0.3065

Tritanomaly

78.8346, 0.2938, 0.3111

Monochromacy



Original Color

78.7727, 0.2944, 0.3122

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.6573, 0.3056, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7727, 0.2944, 0.3122 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(218, 231, 247)` looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 247)  
}
```

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(218, 231, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 247) }
```

Border

The CSS property to change the border of an element to Yxy 78.7727, 0.2944, 0.3122 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(218, 231, 247) }
```

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

```
.border{ border-color:rgb(218, 231, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 231, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 231, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 231, 247);  
box-shadow:4px 4px 4px 4px rgb(218, 231,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7727, 0.2944, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 247) }
```

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

```
.background{ background-color: rgb(218,  
231, 247) }
```

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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