

Converting Colors

$Yxy(78.2727, 0.2904, 0.3134)$

Have a look what the booklet for
Yxy(78.2727, 0.2904, 0.3134)
contains.

Yxy(78.2775, 0.2900, 0.3130)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.2775, 0.2900, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	D3E8F7
RGB	211, 232, 247
RGB Percent	83%, 91%, 97%
CMY	0.1722, 0.0903, 0.0314
CMYK	0.15, 0.06, 0.00, 0.03
HSL	205°, 69%, 90%
HSV	205°, 15%, 97%
XYZ	72.5255, 78.2775, 99.2849
YIQ	227.4310, -17.3310, 0.2130

Conversions

Conversions Part 2

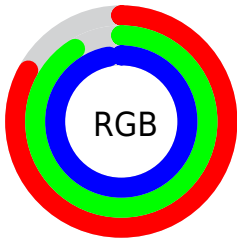
Format	Color
R _Y B	211, 224, 247
Decimal	13887735
CIE Lab	90.91, -3.90, -9.62
CIE LCh	91, 10.382, 247.913
Yxy	78.2775, 0.2900, 0.3130
Android (android.graphics.Color)	4292077815 (0xFFD3E8F7)
YUV	227.4310, 9.6475, -14.4100
Hunter-Lab	88.4746, -8.5083, -4.6022

Details

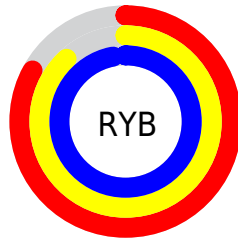
The Yxy color **78.2775, 0.2900, 0.3130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9278, 0.3376, 0.3445**, and the grayscale version is **77.0945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.8802, 0.2844, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **69.2634, 0.2741, 0.3005**, and if you desaturate by 10%, it is **88.2003, 0.3057, 0.3243**.

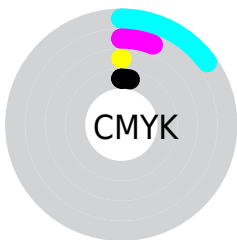
Distribution



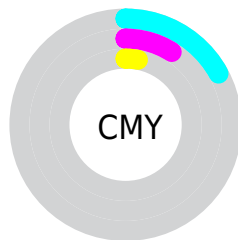
- Red (83%)
- Green (91%)
- Blue (97%)



- Red (83%)
- Yellow (88%)
- Blue (97%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (9%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2775, 0.2900, 0.3130 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 78.2775, 0.2900, 0.3130 by changing the saturation by 10% instead.

■ 78.2775, 0.2900,
0.3130

■ 78.2775, 0.2900,
0.3130

489.1087, 0.3003,
0.3204

■ 58.3020, 0.2877,
0.3113

130.9412, 0.2935,
0.3155

■ 42.0515, 0.2849,
0.3093

164.3982, 0.2949,
0.3165

■ 29.1416, 0.2813,
0.3067

203.1178, 0.2961,
0.3174

■ 19.1880, 0.2767,
0.3033

247.4844, 0.2972,
0.3181

■ 11.8062, 0.2706,
0.2987

297.8824, 0.2981,
0.3188

■ 6.6118, 0.2620,
0.2922

354.6962, 0.2989,

■ 3.2206, 0.2490,

0.3194

0.2822

418.3102, 0.2997,
0.3199

■ 1.2479, 0.2273,
0.2650

■ 0.1003, 0.0001,
0.1137

■ 78.2775, 0.2900,
0.3130

■ 78.2775, 0.2900,
0.3130

■ 69.2634, 0.2741,
0.3005

■ 88.2003, 0.3057,
0.3243

■ 61.1170, 0.2582,
0.2869

■ 97.9977, 0.3175,
0.3344

■ 53.8080, 0.2428,
0.2722

■ 99.4957, 0.3173,
0.3367

■ 47.3004, 0.2283,
0.2567

■ 41.5549, 0.2151,
0.2405

■ 36.5277, 0.2037,
0.2240

■ 32.1688, 0.1944,
0.2077

■ 28.4182, 0.1874,
0.1917

■ 26.5838, 0.1843,
0.1833

Harmonies

Analogous

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



78.2775, 0.2899, 0.3219



78.2775, 0.2900, 0.3130



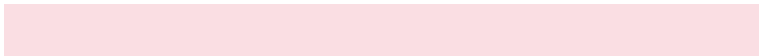
78.2775, 0.2960, 0.3086

Triad

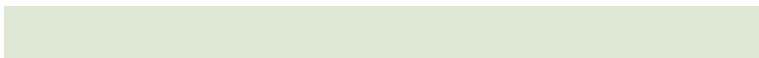
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2775, 0.2900, 0.3130



78.2775, 0.3298, 0.3248



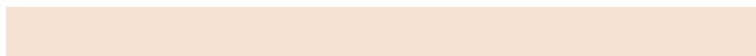
78.2775, 0.3185, 0.3495

Complementary

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



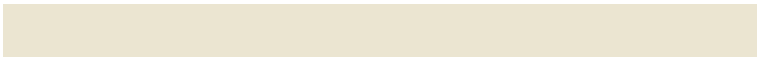
78.2775, 0.2900, 0.3130



78.9278, 0.3376, 0.3445

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.



78.2775, 0.3295, 0.3499



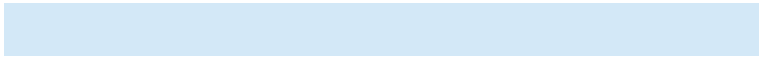
78.2775, 0.2900, 0.3130



78.2775, 0.3361, 0.3354

Square

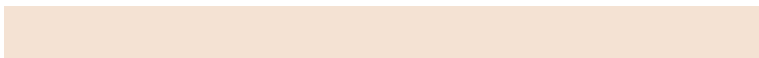
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2775, 0.2900, 0.3130



78.2775, 0.3189, 0.3154



78.2775, 0.3359, 0.3446



78.2775, 0.3062, 0.3433

Rectangle

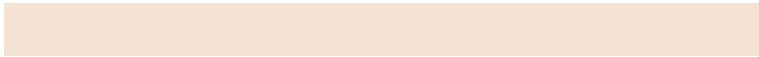
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.2775, 0.2900, 0.3130



78.2775, 0.3027, 0.3086



78.2775, 0.3359, 0.3446



78.2775, 0.3225, 0.3503

Sweetspot

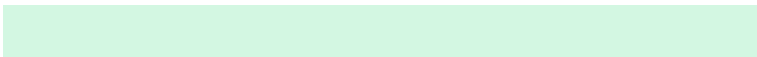
The Sweet Spot groups the original color and five complimentary colors.



78.2807, 0.2900, 0.3130



95.4259, 0.3065, 0.3248



85.8784, 0.3023, 0.3513



20.2448, 0.3054, 0.3240



0.0000, 0.0000, 0.0000



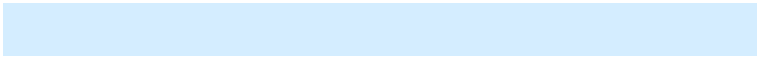
21.4041, 0.3127, 0.3290

Same Dimension

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



78.2807, 0.2900, 0.3130



81.6622, 0.2861, 0.3100



68.7054, 0.2893, 0.2934



17.5290, 0.2980, 0.3189



14.3458, 0.1850, 0.1859



1.4637, 0.1904, 0.2055

Inverse Universe

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



72.2274, 0.3248, 0.3077



74.2794, 0.3272, 0.3039



89.1900, 0.3350, 0.3622



16.6443, 0.3202, 0.3153



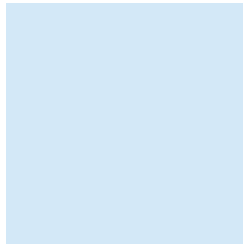
11.5476, 0.4616, 0.2316



1.0354, 0.4391, 0.2192

Previews

White Background



This preview shows how the Yxy color 78.2775, 0.2900, 0.3130 looks on a white background.

Color Contrast Check

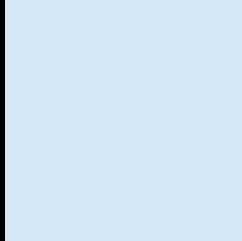
Large Text (above 18pt) WCAG AA × Fail

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 78.2775, 0.2900, 0.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

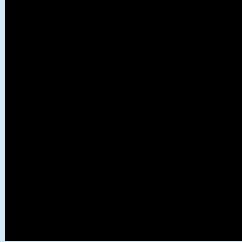
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

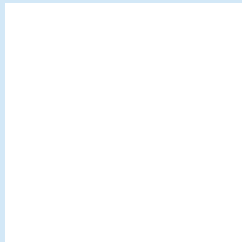
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2775, 0.2900, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 78.2775, 0.2900, 0.3130.



This preview shows how white text looks on a background with the Yxy color 78.2775, 0.2900, 0.3130.

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

78.2775, 0.2900, 0.3130

Protanopia

77.9638, 0.3027, 0.3114

Deuteranopia

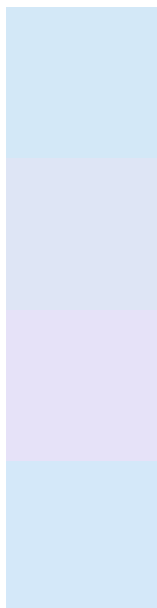
77.7829, 0.3085, 0.3018



Tritanopia

78.6124, 0.2889, 0.3099

Trichromacy



Original Color

78.2775, 0.2900, 0.3130

Protanomaly

78.1608, 0.2981, 0.3122

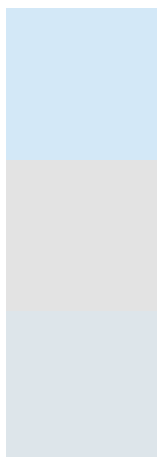
Deuteranomaly

77.9930, 0.3016, 0.3064

Tritanomaly

78.5498, 0.2894, 0.3110

Monochromacy



Original Color

78.2775, 0.2900, 0.3130

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.3513, 0.3042, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2775, 0.2900, 0.3130 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(211, 232, 247)` looks like.

```
.text, #text, p{  
    color:rgb(211, 232, 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(211, 232, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 232, 247) }
```

Border

The CSS property to change the border of an element to Yxy 78.2775, 0.2900, 0.3130 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(211, 232, 247) }
```

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

```
.border{ border-color:rgb(211, 232, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 232, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 232, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 232, 247);  
box-shadow:4px 4px 4px 4px rgb(211, 232,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2775, 0.2900, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 232, 247) }
```

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

```
.background{ background-color: rgb(211,  
232, 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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