

Converting Colors

$Yxy(81.3306, 0.2827, 0.3289)$

Have a look what the booklet for
Yxy(81.3306, 0.2827, 0.3289)
contains.

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Color

Yxy(81.2525, 0.2824, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	C1F2F2
RGB	193, 242, 242
RGB Percent	76%, 95%, 95%
CMY	0.2433, 0.0509, 0.0509
CMYK	0.20, 0.00, 0.00, 0.05
HSL	180°, 65%, 85%
HSV	180°, 20%, 95%
XYZ	69.7650, 81.2525, 96.0257
YIQ	227.3490, -29.2040, -10.3880

Conversions

Conversions Part 2

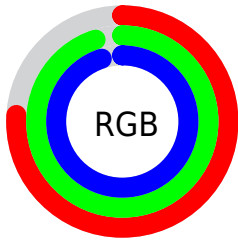
Format	Color
R _Y B	193, 218, 242
Decimal	12710642
CIE Lab	92.24, -15.54, -5.17
CIE LCh	92, 16.378, 198.395
Yxy	81.2525, 0.2824, 0.3289
Android (android.graphics.Color)	4290900722 (0xFFC1F2F2)
YUV	227.3490, 7.2229, -30.1241
Hunter-Lab	90.1402, -19.5932, -0.0631

Details

The Yxy color **81.2525, 0.2824, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.8532, 0.3532, 0.3291**, and the grayscale version is **77.0424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **44.0663, 0.2754, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **78.3297, 0.2691, 0.3289**, and if you desaturate by 10%, it is **84.7023, 0.2969, 0.3290**.

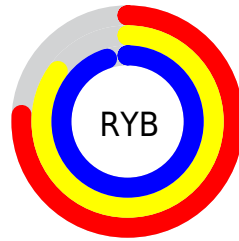
Distribution



Red (76%)

Green (95%)

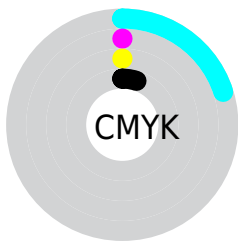
Blue (95%)



Red (76%)

Yellow (85%)

Blue (95%)

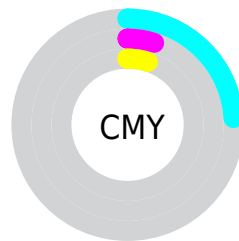


Cyan (20%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (24%)


Magenta (5%)


Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.2525, 0.2824, 0.3289 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 81.2525, 0.2824, 0.3289 by changing the saturation by 10% instead.


 81.2525, 0.2824,
0.3289

 81.2525, 0.2824,
0.3289

499.1439, 0.2960,
0.3291

 60.7496, 0.2794,
0.3288


 135.1253, 0.2871,
0.3290

 44.0231, 0.2757,
0.3287


169.2639, 0.2889,
0.3290

 30.6887, 0.2710,
0.3285


208.7165, 0.2905,
0.3291

 20.3619, 0.2651,
0.3283

253.8676, 0.2919,
0.3291

 12.6584, 0.2572,
0.3278

305.1015, 0.2931,
0.3291

 7.1937, 0.2462,
0.3271

362.8025, 0.2942,

 3.5836, 0.2299,

0.3291

427.3552, 0.2952,
0.3291

0.3256

1.4434, 0.2032,
0.3221

0.2484, 0.0000,
0.2822

81.2525, 0.2824,
0.3289

81.2525, 0.2824,
0.3289

78.3297, 0.2691,
0.3289

84.7023, 0.2969,
0.3290

75.8988, 0.2573,
0.3288


88.6929, 0.3123,
0.3290


73.9355, 0.2471,
0.3288

91.1908, 0.3212,
0.3290


72.4100, 0.2389,
0.3288

91.1930, 0.3212,
0.3290


 71.2886, 0.2326,
0.3287


 91.1953, 0.3212,
0.3290


 70.5328, 0.2283,
0.3287


 91.1975, 0.3212,
0.3290

 70.0971, 0.2258,
0.3287

 91.1998, 0.3212,
0.3290

 69.9063, 0.2246,
0.3287

 91.2020, 0.3212,
0.3290

 91.2042, 0.3212,
0.3291

Harmonies

Analogous

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



81.2525, 0.2963, 0.3463



81.2525, 0.2824, 0.3289



81.2525, 0.2765, 0.3122

Triad

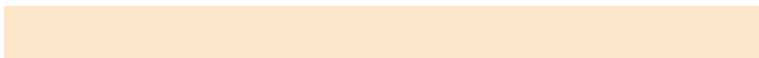
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.2525, 0.2824, 0.3289



81.2525, 0.3096, 0.3014



81.2525, 0.3464, 0.3569

Complementary

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



81.2525, 0.2824, 0.3289



60.8532, 0.3532, 0.3291

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.



81.2525, 0.3504, 0.3440



81.2525, 0.2824, 0.3289



81.2525, 0.3288, 0.3126

Square

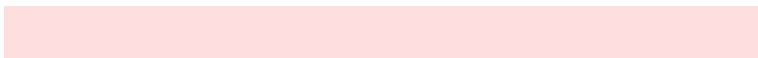
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2525, 0.2824, 0.3289



81.2525, 0.2918, 0.2970



81.2525, 0.3439, 0.3279



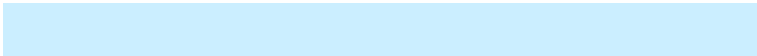
81.2525, 0.3333, 0.3626

Rectangle

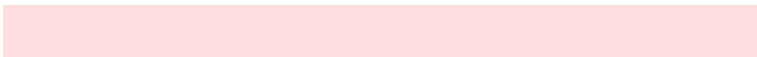
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



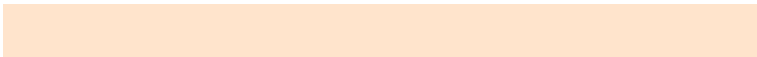
81.2525, 0.2824, 0.3289



81.2525, 0.2777, 0.3038



81.2525, 0.3439, 0.3279



81.2525, 0.3489, 0.3532

Sweetspot

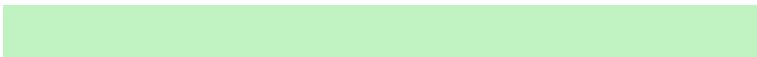
The Sweet Spot groups the original color and five complimentary colors.



81.2558, 0.2824, 0.3289



97.2113, 0.3034, 0.3290



78.6966, 0.3101, 0.3851



20.7452, 0.3024, 0.3290



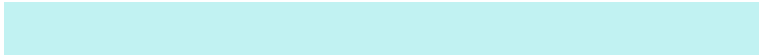
0.0000, 0.0000, 0.0000



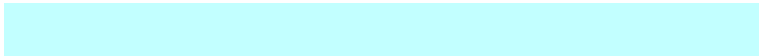
21.4041, 0.3127, 0.3290

Same Dimension

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



81.2558, 0.2824, 0.3289



90.1768, 0.2772, 0.3289



67.6217, 0.2806, 0.3014



17.9286, 0.2981, 0.3290



37.5472, 0.2246, 0.3287



3.1237, 0.2246, 0.3287

Inverse Universe

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



63.4132, 0.3151, 0.2786



66.9740, 0.3155, 0.2691



72.6072, 0.3481, 0.3551



16.0314, 0.3138, 0.3057



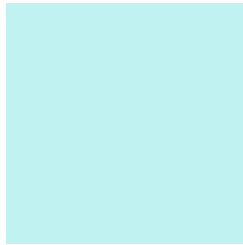
13.5838, 0.3210, 0.1542



1.1301, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 81.2525, 0.2824, 0.3289 looks on a white background.

Color Contrast Check

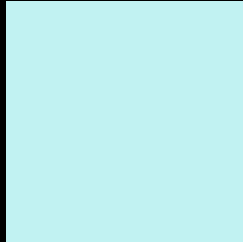
Large Text (above 18pt) WCAG AA × Fail

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 81.2525, 0.2824, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

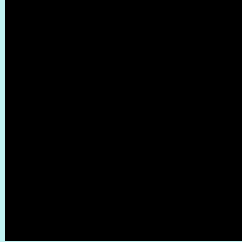
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.2525, 0.2824, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 81.2525, 0.2824, 0.3289.

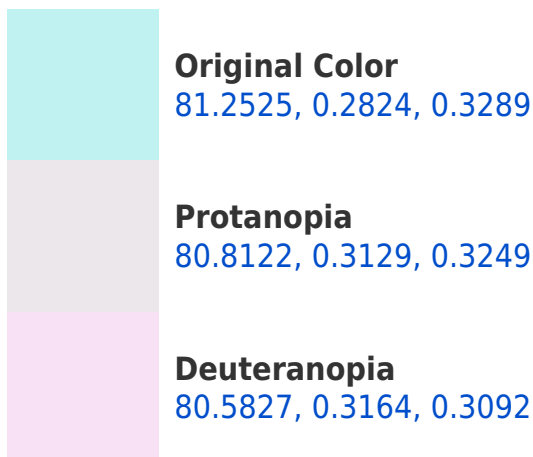


This preview shows how white text looks on a background with the Yxy color 81.2525, 0.2824, 0.3289.

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

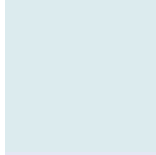
80.9256, 0.2804, 0.3109

Trichromacy



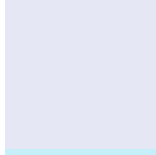
Original Color

81.2525, 0.2824, 0.3289



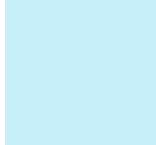
Protanomaly

80.8054, 0.3010, 0.3258



Deuteranomaly

80.3415, 0.3033, 0.3156



Tritanomaly

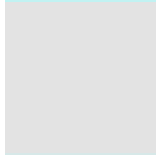
80.7772, 0.2814, 0.3171

Monochromacy



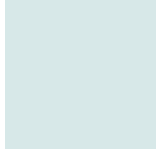
Original Color

81.2525, 0.2824, 0.3289



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

77.9865, 0.3014, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.2525, 0.2824, 0.3289 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(193, 242, 242)` looks like.

```
.text, #text, p{  
    color:rgb(193, 242, 242)  
}
```

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(193, 242, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 242, 242) }
```

Border

The CSS property to change the border of an element to Yxy 81.2525, 0.2824, 0.3289 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(193, 242, 242) }
```

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

```
.border{ border-color:rgb(193, 242, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 242, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 242, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 242, 242);  
box-shadow:4px 4px 4px 4px rgb(193, 242,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 81.2525, 0.2824, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 242, 242) }
```

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

```
.background{ background-color: rgb(193,  
242, 242) }
```

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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