

Converting Colors

Yxy(81.8619, 0.2951, 0.3313)

Have a look what the booklet for
Yxy(81.8619, 0.2951, 0.3313)
contains.

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Color

Yxy(82.1362, 0.2953, 0.3322)

Conversions

Conversions Part 1

Format	Color
Hex	D2F0ED
RGB	210, 240, 237
RGB Percent	82%, 94%, 93%
CMY	0.1766, 0.0588, 0.0707
CMYK	0.13, 0.00, 0.01, 0.06
HSL	174°, 50%, 88%
HSV	174°, 13%, 94%
XYZ	73.0127, 82.1362, 92.1003
YIQ	230.6880, -16.9170, -7.2930

Conversions

Conversions Part 2

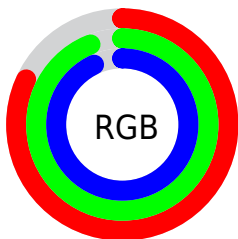
Format	Color
R_{YB}	210, 226, 240
Decimal	13824237
CIE _{Lab}	92.63, -10.33, -1.84
CIE _{LCh}	93, 10.497, 190.120
Yxy	82.1362, 0.2953, 0.3322
Android (android.graphics.Color)	4292014317 (0xFFD2F0ED)
YUV	230.6880, 3.1118, -18.1434
Hunter-Lab	90.6290, -14.7973, 3.1878

Details

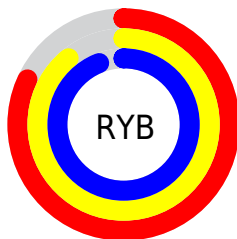
The Yxy color **82.1362, 0.2953, 0.3322** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.4092, 0.3333, 0.3258**, and the grayscale version is **79.6494, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.5857, 0.2914, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **78.7362, 0.2823, 0.3350**, and if you desaturate by 10%, it is **86.0733, 0.3091, 0.3296**.

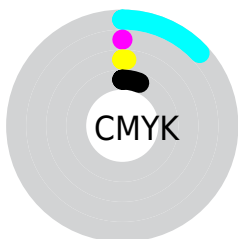
Distribution



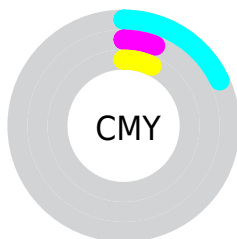
- Red (82%)
- Green (94%)
- Blue (93%)



- Red (82%)
- Yellow (89%)
- Blue (94%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (6%)



- Cyan (18%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.1362, 0.2953, 0.3322 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 82.1362, 0.2953, 0.3322 by changing the saturation by 10% instead.

82.1362, 0.2953,
0.3322

82.1362, 0.2953,
0.3322

502.1032, 0.3032,
0.3308

61.4778, 0.2935,
0.3325

136.3650, 0.2980,
0.3317

44.6109, 0.2914,
0.3329

170.7042, 0.2991,
0.3315

31.1511, 0.2887,
0.3333

210.3724, 0.3000,
0.3314

20.7139, 0.2853,
0.3339

255.7541, 0.3008,
0.3312

12.9150, 0.2806,
0.3347

307.2336, 0.3015,
0.3311

7.3701, 0.2742,
0.3357

365.1954, 0.3021,

3.6946, 0.2644,

0.3310

0.3371

430.0237, 0.3027,
0.3309

■ 1.5042, 0.2481,
0.3394

■ 0.2917, 0.0327,
0.3822

■ 82.1362, 0.2953,
0.3322

■ 82.1362, 0.2953,
0.3322

■ 78.7362, 0.2823,
0.3350

■ 86.0733, 0.3091,
0.3296

■ 75.8396, 0.2703,
0.3381

■ 89.9917, 0.3215,
0.3273

■ 73.4245, 0.2597,
0.3413


■ 90.1390, 0.3200,
0.3249

■ 71.4636, 0.2508,
0.3447

■ 90.2882, 0.3185,
0.3225

 69.9267, 0.2436,
0.3481

 90.4393, 0.3170,
0.3202


 68.7801, 0.2385,
0.3516


 90.5925, 0.3155,
0.3179

 67.9847, 0.2352,
0.3552

 90.7476, 0.3140,
0.3156

 67.4935, 0.2338,
0.3587

 90.8106, 0.3134,
0.3146

 67.2708, 0.2337,
0.3613

Harmonies

Analogous

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



82.1362, 0.3054, 0.3425



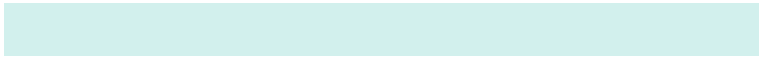
82.1362, 0.2953, 0.3322



82.1362, 0.2898, 0.3212

Triad

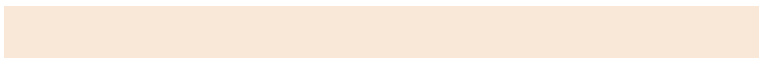
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1362, 0.2953, 0.3322



82.1362, 0.3075, 0.3099



82.1362, 0.3355, 0.3451

Complementary

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



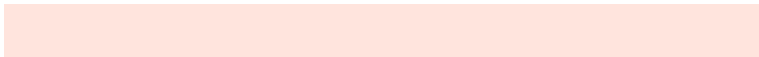
82.1362, 0.2953, 0.3322



69.4092, 0.3333, 0.3258

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.



82.1362, 0.3362, 0.3361



82.1362, 0.2953, 0.3322



82.1362, 0.3198, 0.3160

Square

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



82.1362, 0.2953, 0.3322



82.1362, 0.2968, 0.3086



82.1362, 0.3304, 0.3255



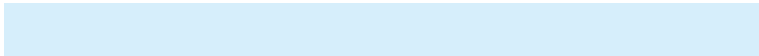
82.1362, 0.3287, 0.3499

Rectangle

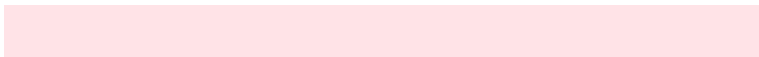
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



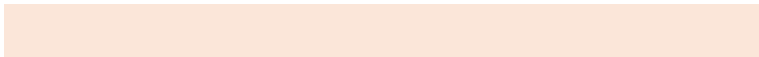
82.1362, 0.2953, 0.3322



82.1362, 0.2895, 0.3150



82.1362, 0.3304, 0.3255



82.1362, 0.3365, 0.3424

Sweetspot

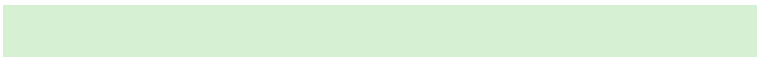
The Sweet Spot groups the original color and five complimentary colors.



82.1396, 0.2953, 0.3322



98.0500, 0.3070, 0.3300



81.1987, 0.3135, 0.3617



20.9107, 0.3060, 0.3302



0.0000, 0.0000, 0.0000



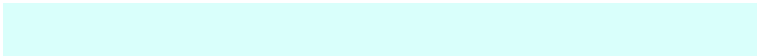
21.4041, 0.3127, 0.3290

Same Dimension

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



82.1396, 0.2953, 0.3322



93.2059, 0.2919, 0.3329



75.7498, 0.2933, 0.3165



17.8997, 0.2994, 0.3314



36.8304, 0.2335, 0.3607



3.0719, 0.2323, 0.3561

Inverse Universe

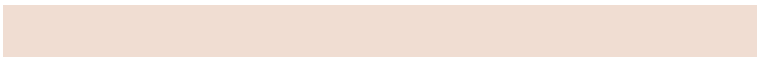
The Inverse Universe completely reimagines the original color for something new.



69.4092, 0.3333, 0.3258



75.9578, 0.3382, 0.3252



75.1493, 0.3339, 0.3411



15.7849, 0.3277, 0.3266



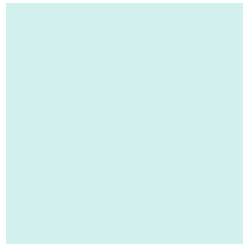
10.1868, 0.6282, 0.3234



0.8561, 0.6032, 0.3097

Previews

White Background



This preview shows how the Yxy color 82.1362, 0.2953, 0.3322 looks on a white background.

Color Contrast Check

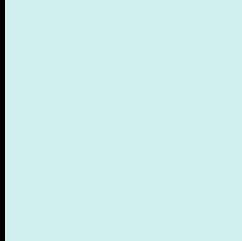
Large Text (above 18pt) WCAG AA × Fail

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 82.1362, 0.2953, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

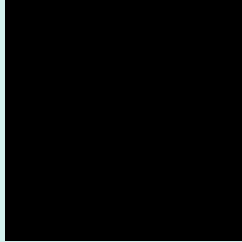
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

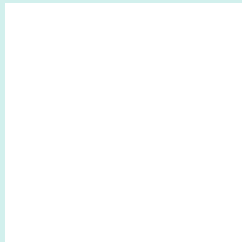
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1362, 0.2953, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 82.1362, 0.2953, 0.3322.

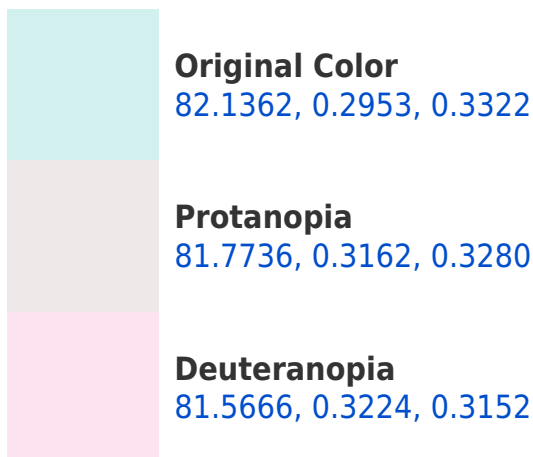


This preview shows how white text looks on a background with the Yxy color 82.1362, 0.2953, 0.3322.

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

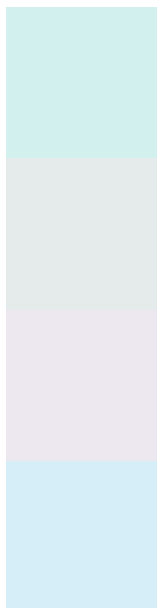




Tritanopia

82.0845, 0.2875, 0.3102

Trichromacy



Original Color

82.1362, 0.2953, 0.3322

Protanomaly

81.8512, 0.3087, 0.3300

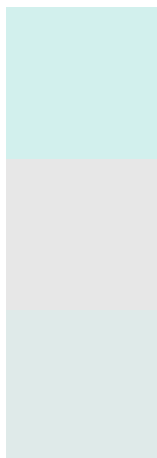
Deuteranomaly

81.3883, 0.3117, 0.3208

Tritanomaly

82.0725, 0.2908, 0.3184

Monochromacy



Original Color

82.1362, 0.2953, 0.3322

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.4168, 0.3060, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1362, 0.2953, 0.3322 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(210, 240, 237)` looks like.

```
.text, #text, p{  
    color:rgb(210, 240, 237)  
}
```

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(210, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 240, 237) }
```

Border

The CSS property to change the border of an element to Yxy 82.1362, 0.2953, 0.3322 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(210, 240, 237) }
```

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

```
.border{ border-color:rgb(210, 240, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 240, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(210, 240,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1362, 0.2953, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 240, 237) }
```

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

```
.background{ background-color: rgb(210,  
240, 237) }
```

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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