

Converting Colors

$Yxy(82.5479, 0.2987, 0.3266)$

Have a look what the booklet for
Yxy(82.5479, 0.2987, 0.3266)
contains.

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Color

Yxy(82.5004, 0.2992, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	DBEEF0
RGB	219, 238, 240
RGB Percent	86%, 93%, 94%
CMY	0.1412, 0.0666, 0.0589
CMYK	0.09, 0.01, 0.00, 0.06
HSL	186°, 41%, 90%
HSV	186°, 9%, 94%
XYZ	75.5097, 82.5004, 94.3619
YIQ	232.5470, -11.9660, -3.4060

Conversions

Conversions Part 2

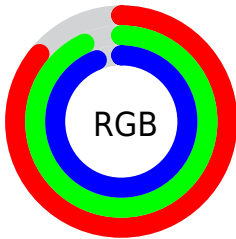
Format	Color
R _{YB}	219, 229, 240
Decimal	14413552
CIE _{Lab}	92.80, -5.86, -3.10
CIE _{LCh}	93, 6.634, 207.895
Y _{xy}	82.5004, 0.2992, 0.3269
Android (android.graphics.Color)	4292603632 (0xFFDBEEF0)
YUV	232.5470, 3.6743, -11.8807
Hunter-Lab	90.8297, -10.5592, 1.9852

Details

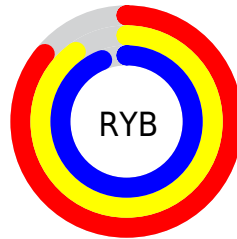
The Yxy color **82.5004, 0.2992, 0.3269** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **75.3216, 0.3277, 0.3311**, and the grayscale version is **81.1055, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8091, 0.2962, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **77.7473, 0.2843, 0.3243**, and if you desaturate by 10%, it is **87.8132, 0.3147, 0.3293**.

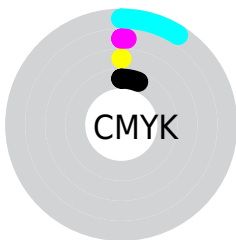
Distribution



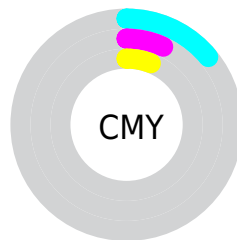
- Red (86%)
- Green (93%)
- Blue (94%)



- Red (86%)
- Yellow (90%)
- Blue (94%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (6%)



- Cyan (14%)
- Magenta (7%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5004, 0.2992, 0.3269 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 82.5004, 0.2992, 0.3269 by changing the saturation by 10% instead.

82.5004, 0.2992,
0.3269

82.5004, 0.2992,
0.3269

503.3200, 0.3053,
0.3279

61.7781, 0.2978,
0.3267

136.8755, 0.3013,
0.3272

44.8534, 0.2962,
0.3264

171.2971, 0.3021,
0.3274

31.3420, 0.2941,
0.3260

211.0539, 0.3028,
0.3275

20.8594, 0.2914,
0.3255

256.5303, 0.3034,
0.3276

13.0213, 0.2879,
0.3249

308.1107, 0.3040,
0.3277

7.4432, 0.2829,
0.3239

366.1796, 0.3045,

3.7408, 0.2753,

0.3278

0.3224

431.1212, 0.3049,
0.3278

■ 1.5296, 0.2628,
0.3197

■ 0.3095, 0.1489,
0.3051

■ 82.5004, 0.2992,
0.3269

■ 82.5004, 0.2992,
0.3269

■ 77.7473, 0.2843,
0.3243

■ 87.8132, 0.3147,
0.3293

■ 73.5207, 0.2703,
0.3215

■ 91.3531, 0.3225,
0.3315


■ 69.7995, 0.2574,
0.3185


■ 92.7014, 0.3223,
0.3337

■ 66.5570, 0.2461,
0.3154

■ 94.0661, 0.3221,
0.3358

 63.7644, 0.2364,
0.3122


 95.4474, 0.3219,
0.3380

 61.3891, 0.2286,
0.3090

 96.8452, 0.3217,
0.3401

 59.3945, 0.2228,
0.3057

 98.2597, 0.3216,
0.3423

 57.7370, 0.2189,
0.3025

 99.0698, 0.3215,
0.3435

 56.3524, 0.2166,
0.2993

Harmonies

Analogous

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



82.5004, 0.3041, 0.3339



82.5004, 0.2992, 0.3269



82.5004, 0.2979, 0.3206

Triad

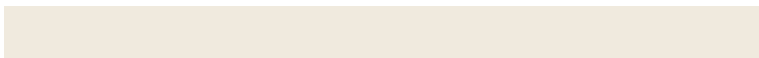
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5004, 0.2992, 0.3269



82.5004, 0.3141, 0.3188



82.5004, 0.3250, 0.3414

Complementary

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



82.5004, 0.2992, 0.3269



75.3216, 0.3277, 0.3311

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.



82.5004, 0.3277, 0.3372



82.5004, 0.2992, 0.3269



82.5004, 0.3214, 0.3242

Square

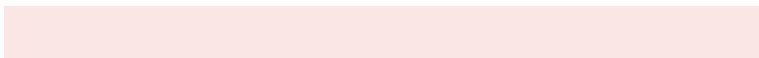
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5004, 0.2992, 0.3269



82.5004, 0.3064, 0.3161



82.5004, 0.3264, 0.3309



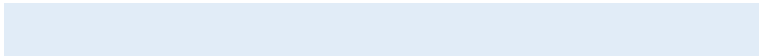
82.5004, 0.3189, 0.3423

Rectangle

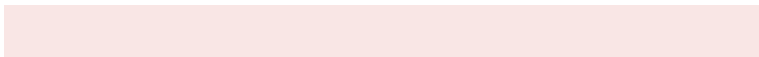
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



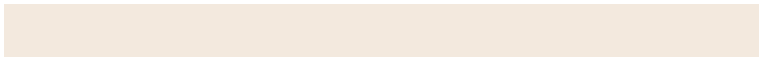
82.5004, 0.2992, 0.3269



82.5004, 0.2993, 0.3177



82.5004, 0.3264, 0.3309



82.5004, 0.3263, 0.3403

Sweetspot

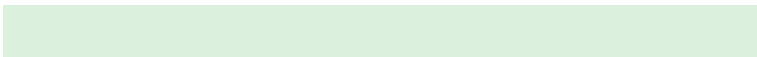
The Sweet Spot groups the original color and five complimentary colors.



82.5039, 0.2992, 0.3269



98.1221, 0.3080, 0.3283



82.5701, 0.3106, 0.3495



20.8969, 0.3068, 0.3281



0.0000, 0.0000, 0.0000



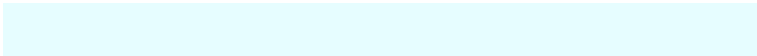
21.4041, 0.3127, 0.3290

Same Dimension

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



82.5039, 0.2992, 0.3269



93.9678, 0.2972, 0.3266



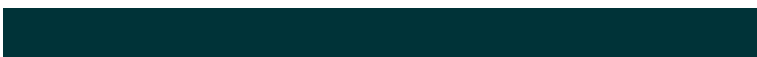
76.6875, 0.2992, 0.3160



17.6613, 0.2981, 0.3267



30.8711, 0.2165, 0.2994



2.6412, 0.2177, 0.3036

Inverse Universe

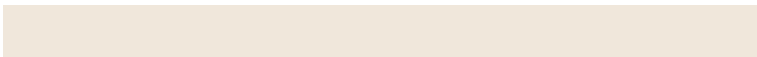
The Inverse Universe completely reimagines the original color for something new.



75.3511, 0.3150, 0.3095



84.6430, 0.3154, 0.3066



80.9155, 0.3266, 0.3417



16.0044, 0.3152, 0.3079



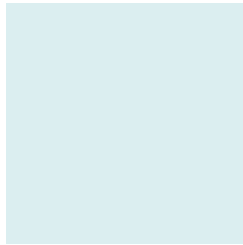
12.9098, 0.3459, 0.1679



1.0814, 0.3422, 0.1659

Previews

White Background



This preview shows how the Yxy color 82.5004, 0.2992, 0.3269 looks on a white background.

Color Contrast Check

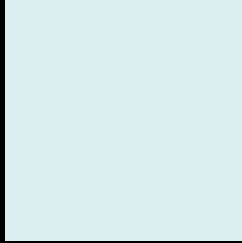
Large Text (above 18pt) WCAG AA × Fail

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 82.5004, 0.2992, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

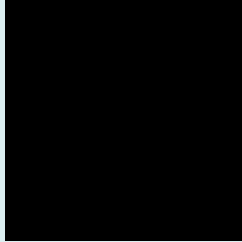
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

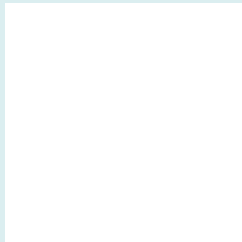
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5004, 0.2992, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 82.5004, 0.2992, 0.3269.

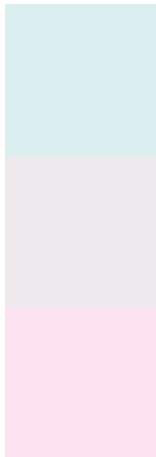


This preview shows how white text looks on a background with the Yxy color 82.5004, 0.2992, 0.3269.

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

82.5004, 0.2992, 0.3269

Protanopia

82.3968, 0.3129, 0.3249

Deuteranopia

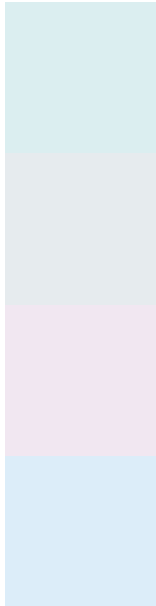
82.2316, 0.3210, 0.3142



Tritanopia

82.5188, 0.2923, 0.3104

Trichromacy



Original Color

82.5004, 0.2992, 0.3269

Protanomaly

82.4127, 0.3075, 0.3259

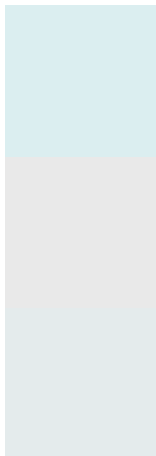
Deuteranomaly

82.2035, 0.3132, 0.3189

Tritanomaly

82.6236, 0.2946, 0.3165

Monochromacy



Original Color

82.5004, 0.2992, 0.3269

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

81.9668, 0.3075, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5004, 0.2992, 0.3269 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(219, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(219, 238, 240)  
}
```

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(219, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 238, 240) }
```

Border

The CSS property to change the border of an element to Yxy 82.5004, 0.2992, 0.3269 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(219, 238, 240) }
```

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

```
.border{ border-color:rgb(219, 238, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 238, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(219, 238,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5004, 0.2992, 0.3269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 238, 240) }
```

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

```
.background{ background-color: rgb(219,  
238, 240) }
```

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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