

Converting Colors

$Yxy(72.4990, 0.2629, 0.3422)$

Have a look what the booklet for
Yxy(72.4990, 0.2629, 0.3422)
contains.

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Color

Yxy(72.5348, 0.2630, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	8FEEE3
RGB	143, 238, 227
RGB Percent	56%, 93%, 89%
CMY	0.4393, 0.0666, 0.1098
CMYK	0.40, 0.00, 0.05, 0.07
HSL	173°, 74%, 75%
HSV	173°, 40%, 93%
XYZ	55.7634, 72.5348, 83.7299
YIQ	208.3410, -53.0890, -23.5610

Conversions

Conversions Part 2

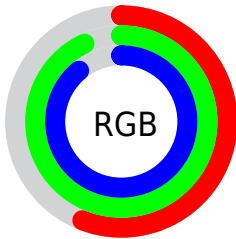
Format	Color
RYB	143, 193, 238
Decimal	9432803
CIELab	88.23, -30.67, -3.53
CIELCh	88, 30.875, 186.573
Yxy	72.5348, 0.2630, 0.3421
Android (android.graphics.Color)	4287622883 (0xFF8FEEE3)
YUV	208.3410, 9.1989, -57.3041
Hunter-Lab	85.1674, -32.1699, 1.3279

Details

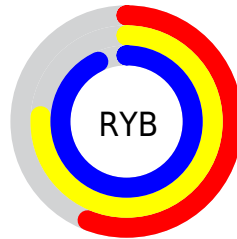
The Yxy color **72.5348, 0.2630, 0.3421** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **40.1499, 0.4019, 0.3169**, and the grayscale version is **63.2723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1575, 0.2811, 0.3289**, and **38.4129, 0.2515, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **70.4834, 0.2537, 0.3459**, and if you desaturate by 10%, it is **75.0450, 0.2738, 0.3385**.

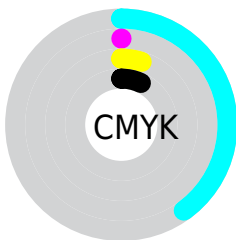
Distribution



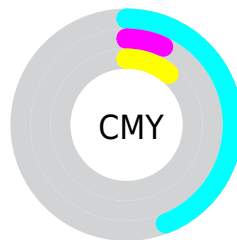
- Red (56%)
- Green (93%)
- Blue (89%)



- Red (56%)
- Yellow (76%)
- Blue (93%)



- Cyan (40%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.5348, 0.2630, 0.3421 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 72.5348, 0.2630, 0.3421 by changing the saturation by 10% instead.


 72.5348, 0.2630,
0.3421


 72.5348, 0.2630,
0.3421


469.4009, 0.2858,
0.3363

 53.5957, 0.2579,
0.3434


 122.8166, 0.2709,
0.3401

 38.2785, 0.2515,
0.3449


 154.9280, 0.2739,
0.3394

 26.1989, 0.2436,
0.3467


192.1990, 0.2766,
0.3387

 16.9725, 0.2333,
0.3491

235.0139, 0.2789,
0.3381

 10.2149, 0.2194,
0.3521

283.7571, 0.2809,
0.3376

 5.5417, 0.1999,
0.3560

338.8131, 0.2827,

 2.5684, 0.1706,

0.3371

400.5663, 0.2843,
0.3367

0.3612

0.9108, 0.0509,
0.3972

0.0000, 0.0000,
0.0000

72.5348, 0.2630,
0.3421

72.5348, 0.2630,
0.3421

70.4834, 0.2537,
0.3459

75.0450, 0.2738,
0.3385

68.8533, 0.2462,
0.3499

78.0315, 0.2859,
0.3350

67.6154, 0.2406,
0.3539

81.5215, 0.2990,
0.3319

66.7330, 0.2370,
0.3580

85.5376, 0.3128,
0.3290

■ 66.1625, 0.2352,
0.3621

■ 88.7524, 0.3223,
0.3263

■ 65.8307, 0.2350,
0.3660

■ 88.9183, 0.3206,
0.3236

■ 65.8285, 0.2350,
0.3661

■ 89.0867, 0.3189,
0.3210

■ 89.2577, 0.3171,
0.3183

■ 89.4311, 0.3154,
0.3157

Harmonies

Analogous

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



72.5348, 0.2936, 0.3756



72.5348, 0.2630, 0.3421



72.5348, 0.2459, 0.3067

Triad

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



72.5348, 0.2630, 0.3421



72.5348, 0.2916, 0.2720



72.5348, 0.3843, 0.3730

Complementary

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



72.5348, 0.2630, 0.3421



40.1499, 0.4019, 0.3169

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.



72.5348, 0.3845, 0.3443



72.5348, 0.2630, 0.3421



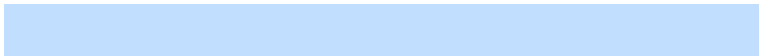
72.5348, 0.3291, 0.2882

Square

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



72.5348, 0.2630, 0.3421



72.5348, 0.2616, 0.2688



72.5348, 0.3639, 0.3140



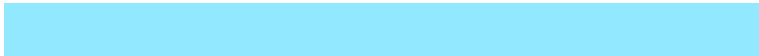
72.5348, 0.3641, 0.3923

Rectangle

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



72.5348, 0.2630, 0.3421



72.5348, 0.2437, 0.2878



72.5348, 0.3639, 0.3140



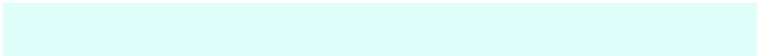
72.5348, 0.3868, 0.3640

Sweetspot

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



72.5377, 0.2630, 0.3421



94.4250, 0.2962, 0.3325



70.0131, 0.3137, 0.4494



20.0925, 0.2944, 0.3329



0.0000, 0.0000, 0.0000



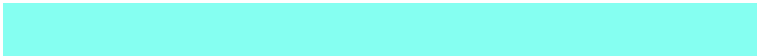
21.4041, 0.3127, 0.3290

Same Dimension

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



72.5377, 0.2630, 0.3421



82.8138, 0.2552, 0.3453



54.0557, 0.2506, 0.2835



17.8956, 0.2996, 0.3317



36.7351, 0.2349, 0.3654



3.0649, 0.2334, 0.3601

Inverse Universe

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



40.1499, 0.4019, 0.3169



40.0256, 0.4310, 0.3147



52.5646, 0.3970, 0.3698



15.7886, 0.3275, 0.3263



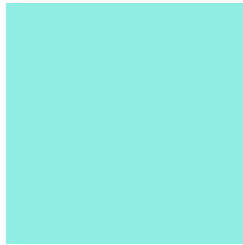
10.1962, 0.6258, 0.3221



0.8579, 0.5984, 0.3070

Previews

White Background



This preview shows how the Yxy color 72.5348, 0.2630, 0.3421 looks on a white background.

Color Contrast Check

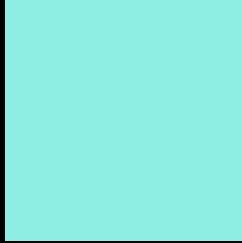
Large Text (above 18pt) WCAG AA × Fail

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 72.5348, 0.2630, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

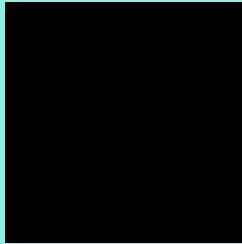
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.5348, 0.2630, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 72.5348, 0.2630, 0.3421.

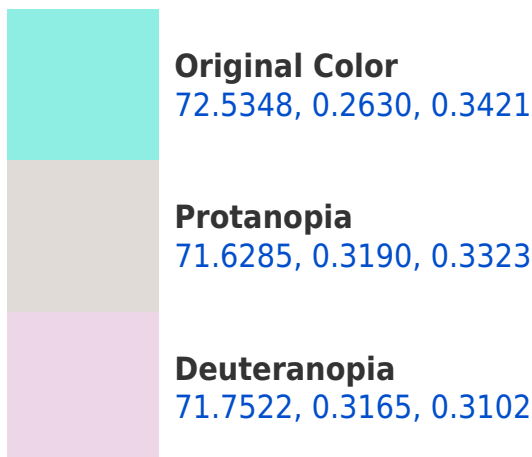


This preview shows how white text looks on a background with the Yxy color 72.5348, 0.2630, 0.3421.

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

72.4215, 0.2532, 0.3070

Trichromacy



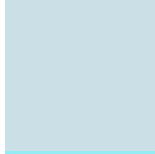
Original Color

72.5348, 0.2630, 0.3421



Protanomaly

71.1621, 0.2955, 0.3358



Deuteranomaly

71.0451, 0.2939, 0.3211



Tritanomaly

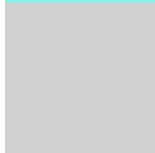
72.1514, 0.2562, 0.3183

Monochromacy



Original Color

72.5348, 0.2630, 0.3421



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.7597, 0.2911, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.5348, 0.2630, 0.3421 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(143, 238, 227)` looks like.

```
.text, #text, p{  
    color:rgb(143, 238, 227)  
}
```

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(143, 238, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 238, 227) }
```

Border

The CSS property to change the border of an element to Yxy 72.5348, 0.2630, 0.3421 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(143, 238, 227) }
```

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

```
.border{ border-color:rgb(143, 238, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 238, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 238, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 238, 227);  
box-shadow:4px 4px 4px 4px rgb(143, 238,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 72.5348, 0.2630, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 238, 227) }
```

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

```
.background{ background-color: rgb(143,  
238, 227) }
```

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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