

Converting Colors

$Yxy(72.1467, 0.2623, 0.3131)$

Have a look what the booklet for
Yxy(72.1467, 0.2623, 0.3131)
contains.

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Color

Yxy(72.0484, 0.2622, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	A2E8F6
RGB	162, 232, 246
RGB Percent	64%, 91%, 96%
CMY	0.3646, 0.0902, 0.0354
CMYK	0.34, 0.06, 0.00, 0.04
HSL	190°, 82%, 80%
HSV	190°, 34%, 96%
XYZ	60.3935, 72.0484, 97.8918
YIQ	212.6660, -46.2140, -10.4860

Conversions

Conversions Part 2

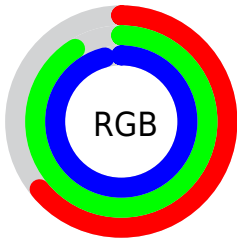
Format	Color
R _Y B	162, 200, 246
Decimal	10676470
CIE Lab	87.99, -18.39, -13.73
CIE LCh	88, 22.950, 216.757
Yxy	72.0484, 0.2622, 0.3128
Android (android.graphics.Color)	4288866550 (0xFFA2E8F6)
YUV	212.6660, 16.4337, -44.4341
Hunter-Lab	84.8813, -21.5386, -8.9610

Details

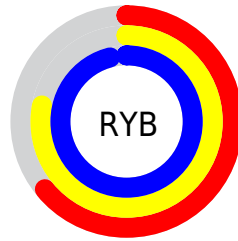
The Yxy color **72.0484, 0.2622, 0.3128** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.2545, 0.3884, 0.3444**, and the grayscale version is **66.2220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **37.8942, 0.2507, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **67.4426, 0.2494, 0.3073**, and if you desaturate by 10%, it is **77.2174, 0.2762, 0.3180**.

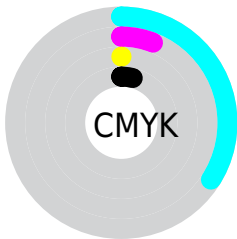
Distribution



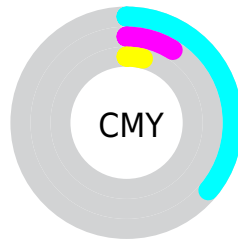
- Red (64%)
- Green (91%)
- Blue (96%)



- Red (64%)
- Yellow (78%)
- Blue (96%)



- Cyan (34%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)




- Cyan (36%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0484, 0.2622, 0.3128 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 72.0484, 0.2622, 0.3128 by changing the saturation by 10% instead.


 72.0484, 0.2622,
0.3128


 72.0484, 0.2622,
0.3128


467.7100, 0.2852,
0.3208

 53.1982, 0.2571,
0.3109


 122.1253, 0.2701,
0.3156

 37.9610, 0.2507,
0.3085


 154.1209, 0.2732,
0.3167

 25.9524, 0.2429,
0.3053


191.2670, 0.2759,
0.3176

 16.7881, 0.2327,
0.3011

233.9481, 0.2782,
0.3184

 10.0835, 0.2192,
0.2952

282.5485, 0.2803,
0.3191

 5.4544, 0.2003,
0.2862

337.4528, 0.2821,

 2.5162, 0.1726,

0.3197

0.2715

399.0451, 0.2837,
0.3203

0.8848, 0.1103,
0.2490

0.0000, 0.0000,
0.0000

72.0484, 0.2622,
0.3128

72.0484, 0.2622,
0.3128

67.4426, 0.2494,
0.3073

77.2174, 0.2762,
0.3180

63.3617, 0.2380,
0.3015

82.9687, 0.2910,
0.3228

59.7755, 0.2284,
0.2956

89.3304, 0.3063,
0.3273

56.6472, 0.2207,
0.2895

95.2825, 0.3184,
0.3313

■ 53.9336, 0.2149,
0.2835

■ 97.8336, 0.3181,
0.3352

■ 51.5826, 0.2111,
0.2775

■ 99.4323, 0.3179,
0.3376

■ 50.3253, 0.2095,
0.2740

Harmonies

Analogous

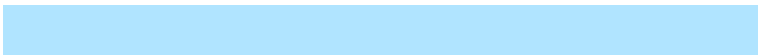
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0484, 0.2754, 0.3388



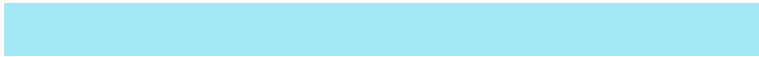
72.0484, 0.2622, 0.3128



72.0484, 0.2619, 0.2929

Triad

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



72.0484, 0.2622, 0.3128



72.0484, 0.3254, 0.2982



72.0484, 0.3512, 0.3763

Complementary

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



72.0484, 0.2622, 0.3128



53.2545, 0.3884, 0.3444

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.



72.0484, 0.3660, 0.3627



72.0484, 0.2622, 0.3128



72.0484, 0.3509, 0.3181

Square

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



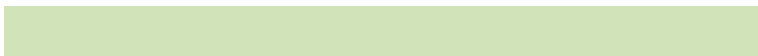
72.0484, 0.2622, 0.3128



72.0484, 0.2973, 0.2857



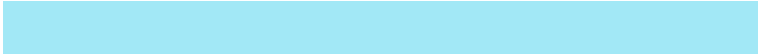
72.0484, 0.3660, 0.3413



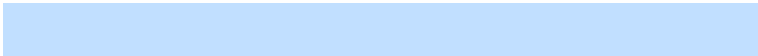
72.0484, 0.3264, 0.3770

Rectangle

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



72.0484, 0.2622, 0.3128



72.0484, 0.2689, 0.2854



72.0484, 0.3660, 0.3413



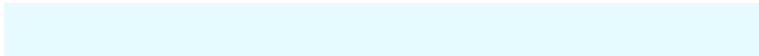
72.0484, 0.3576, 0.3730

Sweetspot

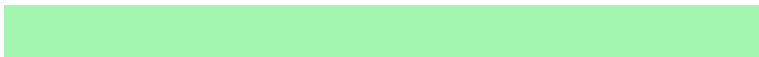
The Sweet Spot groups the original color and five complimentary colors.



72.0512, 0.2622, 0.3128



92.8013, 0.2972, 0.3247



76.6629, 0.3012, 0.4156



19.6585, 0.2951, 0.3241



0.0000, 0.0000, 0.0000



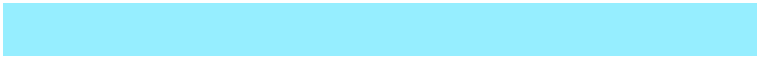
21.4041, 0.3127, 0.3290

Same Dimension

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



72.0512, 0.2622, 0.3128



74.6589, 0.2532, 0.3090



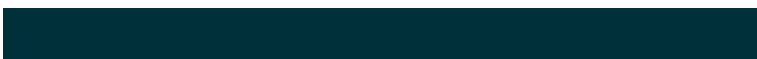
51.7813, 0.2557, 0.2634



18.2605, 0.2980, 0.3250



27.0463, 0.2097, 0.2750



2.4992, 0.2118, 0.2825

Inverse Universe

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



51.2689, 0.3282, 0.2569



49.3657, 0.3321, 0.2426



71.6171, 0.3738, 0.3867



16.7181, 0.3163, 0.3095



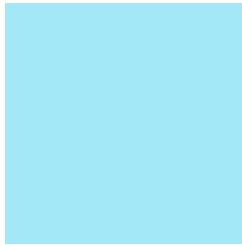
12.8297, 0.3681, 0.1801



1.1399, 0.3612, 0.1763

Previews

White Background



This preview shows how the Yxy color 72.0484, 0.2622, 0.3128 looks on a white background.

Color Contrast Check

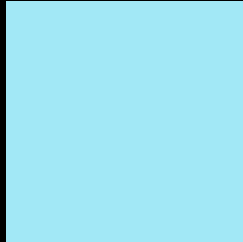
Large Text (above 18pt) WCAG AA × Fail

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 72.0484, 0.2622, 0.3128 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 72.0484, 0.2622, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 72.0484, 0.2622, 0.3128.

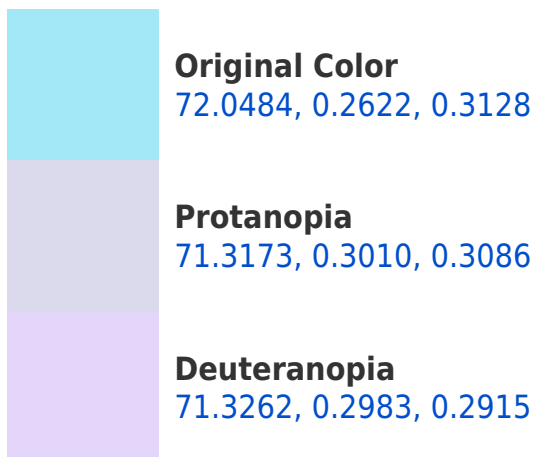


This preview shows how white text looks on a background with the Yxy color 72.0484, 0.2622, 0.3128.

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

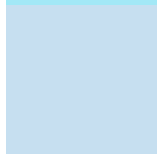
71.8405, 0.2605, 0.3072

Trichromacy



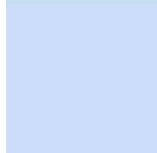
Original Color

72.0484, 0.2622, 0.3128



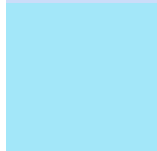
Protanomaly

71.0724, 0.2854, 0.3101



Deuteranomaly

71.2490, 0.2832, 0.2986



Tritanomaly

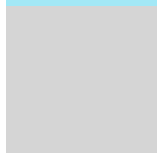
71.7779, 0.2610, 0.3083

Monochromacy



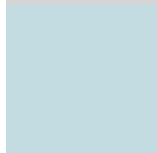
Original Color

72.0484, 0.2622, 0.3128



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.0920, 0.2916, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0484, 0.2622, 0.3128 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(162, 232, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 232, 246)  
}
```

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(162, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 232, 246) }
```

Border

The CSS property to change the border of an element to Yxy 72.0484, 0.2622, 0.3128 is called "border". The border property can be set on classes, ids or directly on the HTML element.

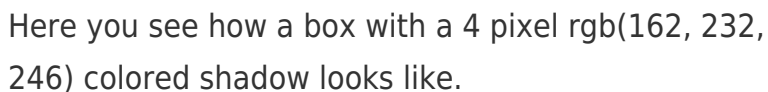
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(162, 232, 246) }
```

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

```
.border{ border-color:rgb(162, 232, 246) }
```

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



Here you see how a box with a 4 pixel rgb(162, 232, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 232, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 232, 246); box-shadow:4px 4px 4px 4px rgb(162, 232, 246) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0484, 0.2622, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 232, 246) }
```

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

```
.background{ background-color: rgb(162,  
232, 246) }
```

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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