

Converting Colors

$Yxy(75.4628, 0.2626, 0.3192)$

Have a look what the booklet for
Yxy(75.4628, 0.2626, 0.3192)
contains.

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Color

Yxy(75.4843, 0.2631, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	A2EEF6
RGB	162, 238, 246
RGB Percent	64%, 93%, 96%
CMY	0.3645, 0.0667, 0.0352
CMYK	0.34, 0.03, 0.00, 0.04
HSL	186°, 82%, 80%
HSV	186°, 34%, 96%
XYZ	62.1205, 75.4843, 98.5050
YIQ	216.1880, -47.8640, -13.6240

Conversions

Conversions Part 2

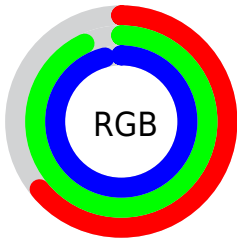
Format	Color
R _Y B	162, 202, 246
Decimal	10678006
CIE Lab	89.62, -21.34, -11.33
CIE LCh	90, 24.164, 207.962
Yxy	75.4843, 0.2631, 0.3197
Android (android.graphics.Color)	4288868086 (0xFFA2EEF6)
YUV	216.1880, 14.6973, -47.5229
Hunter-Lab	86.8817, -24.4153, -6.4048

Details

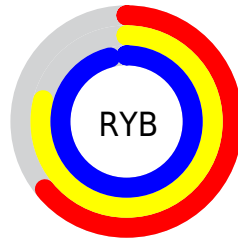
The Yxy color **75.4843, 0.2631, 0.3197** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **50.9921, 0.3906, 0.3380**, and the grayscale version is **68.7368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **40.2378, 0.2517, 0.3168** is the 20% darker color. If you saturate the color by 10%, you get **71.7950, 0.2510, 0.3166**, and if you desaturate by 10%, it is **79.7016, 0.2766, 0.3227**.

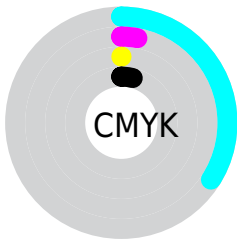
Distribution



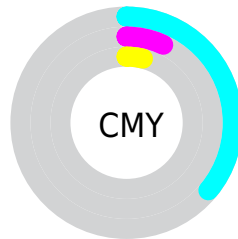
- Red (64%)
- Green (93%)
- Blue (96%)



- Red (64%)
- Yellow (79%)
- Blue (96%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)





- Cyan (36%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4843, 0.2631, 0.3197 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 75.4843, 0.2631, 0.3197 by changing the saturation by 10% instead.


 75.4843, 0.2631,
0.3197


 75.4843, 0.2631,
0.3197


479.5805, 0.2855,
0.3244

 56.0097, 0.2581,
0.3185


 126.9977, 0.2708,
0.3214

 40.2107, 0.2520,
0.3170


 159.8053, 0.2738,
0.3221

 27.7029, 0.2444,
0.3151


197.8260, 0.2764,
0.3226

 18.1018, 0.2347,
0.3124

241.4443, 0.2787,
0.3231

 11.0231, 0.2217,
0.3086

291.0445, 0.2807,
0.3235

 6.0824, 0.2038,
0.3027

347.0110, 0.2825,

 2.8952, 0.1776,

0.3238

0.2927

409.7282, 0.2841,
0.3241

■ 1.0773, 0.1261,
0.2766

■ 0.0000, 0.0000,
0.0000

■ 75.4843, 0.2631,
0.3197

■ 75.4843, 0.2631,
0.3197

■ 71.7950, 0.2510,
0.3166

■ 79.7016, 0.2766,
0.3227

■ 68.5950, 0.2405,
0.3133


■ 84.4651, 0.2911,
0.3254

■ 65.8548, 0.2318,
0.3100

■ 89.8030, 0.3063,
0.3280


■ 63.5377, 0.2251,
0.3067


■ 94.6872, 0.3184,
0.3303

 61.6009, 0.2203,
0.3033


 96.1394, 0.3183,
0.3326

 59.9924, 0.2173,
0.3001

 97.6098, 0.3181,
0.3349

 59.1564, 0.2162,
0.2981

 99.0985, 0.3179,
0.3371

 99.4355, 0.3179,
0.3376

Harmonies

Analogous

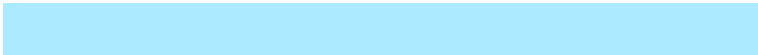
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.4843, 0.2802, 0.3472



75.4843, 0.2631, 0.3197



75.4843, 0.2588, 0.2966

Triad

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



75.4843, 0.2631, 0.3197



75.4843, 0.3171, 0.2924



75.4843, 0.3585, 0.3750

Complementary

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



75.4843, 0.2631, 0.3197



50.9921, 0.3906, 0.3380

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.



75.4843, 0.3697, 0.3579



75.4843, 0.2631, 0.3197



75.4843, 0.3453, 0.3111

Square

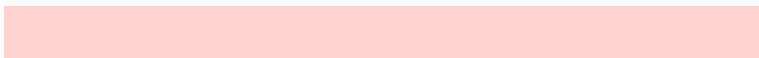
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.4843, 0.2631, 0.3197



75.4843, 0.2889, 0.2824



75.4843, 0.3649, 0.3346



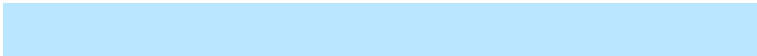
75.4843, 0.3350, 0.3802

Rectangle

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



75.4843, 0.2631, 0.3197



75.4843, 0.2634, 0.2866



75.4843, 0.3649, 0.3346



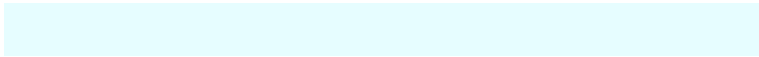
75.4843, 0.3639, 0.3704

Sweetspot

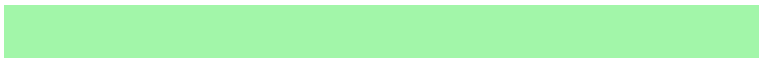
The Sweet Spot groups the original color and five complimentary colors.



75.4873, 0.2631, 0.3197



93.9334, 0.2972, 0.3265



76.4818, 0.3042, 0.4227



19.9342, 0.2951, 0.3262



0.0000, 0.0000, 0.0000



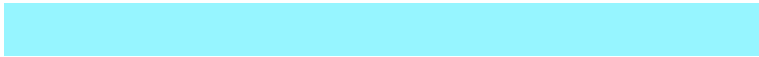
21.4041, 0.3127, 0.3290

Same Dimension

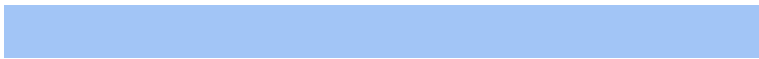
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4873, 0.2631, 0.3197



79.0492, 0.2545, 0.3175



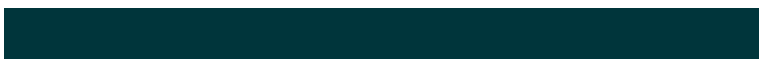
54.2954, 0.2566, 0.2704



18.4708, 0.2981, 0.3267



31.6818, 0.2163, 0.2987



2.8618, 0.2175, 0.3028

Inverse Universe

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



51.6309, 0.3232, 0.2514



49.8089, 0.3258, 0.2362



68.8164, 0.3757, 0.3811



16.7394, 0.3153, 0.3079



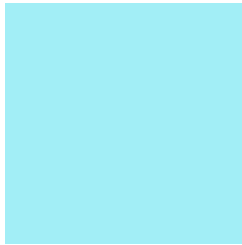
13.2977, 0.3466, 0.1683



1.1765, 0.3430, 0.1663

Previews

White Background



This preview shows how the Yxy color 75.4843, 0.2631, 0.3197 looks on a white background.

Color Contrast Check

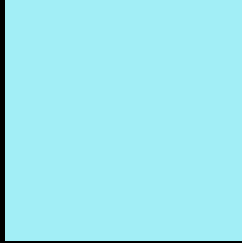
Large Text (above 18pt) WCAG AA × Fail

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 75.4843, 0.2631, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

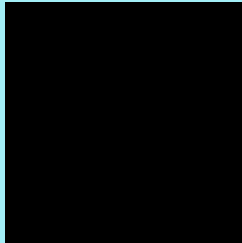
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.4843, 0.2631, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 75.4843, 0.2631, 0.3197.

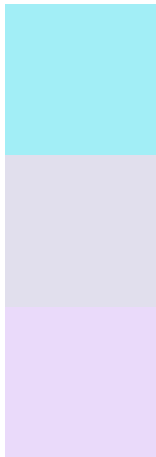


This preview shows how white text looks on a background with the Yxy color 75.4843, 0.2631, 0.3197.

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

75.4843, 0.2631, 0.3197

Protanopia

74.8973, 0.3051, 0.3142

Deuteranopia

74.5374, 0.3031, 0.2962



Tritanopia

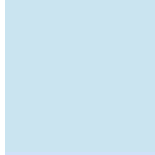
75.3179, 0.2604, 0.3076

Trichromacy



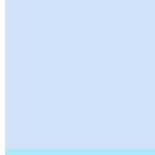
Original Color

75.4843, 0.2631, 0.3197



Protanomaly

74.3346, 0.2882, 0.3158



Deuteranomaly

74.0999, 0.2866, 0.3032



Tritanomaly

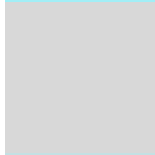
75.5960, 0.2615, 0.3120

Monochromacy



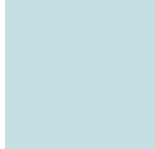
Original Color

75.4843, 0.2631, 0.3197



Achromatopsia

68.6685, 0.3127, 0.3290



Achromatomaly

70.5931, 0.2919, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4843, 0.2631, 0.3197 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, 238, 246)` looks like.

```
.text, #text, p{  
    color:rgb(162, 238, 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, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 238, 246) }
```

Border

The CSS property to change the border of an element to Yxy 75.4843, 0.2631, 0.3197 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, 238, 246) }
```

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

```
.border{ border-color:rgb(162, 238, 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, 238, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(162, 238,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4843, 0.2631, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 238, 246) }
```

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

```
.background{ background-color: rgb(162,  
238, 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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