

Converting Colors

$Yxy(65.5673, 0.2646, 0.3088)$

Have a look what the booklet for
Yxy(65.5673, 0.2646, 0.3088)
contains.

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Color

Yxy(65.5673, 0.2646, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	A2DDEE
RGB	162, 221, 238
RGB Percent	64%, 87%, 93%
CMY	0.3649, 0.1333, 0.0667
CMYK	0.32, 0.07, 0.00, 0.07
HSL	193°, 69%, 78%
HSV	193°, 32%, 93%
XYZ	56.1823, 65.5673, 90.5797
YIQ	205.2970, -40.6210, -7.2210

Conversions

Conversions Part 2

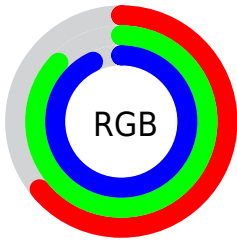
Format	Color
RYB	162, 195, 238
Decimal	10673646
CIELab	84.78, -14.76, -14.35
CIELCh	85, 20.582, 224.200
Yxy	65.5673, 0.2646, 0.3088
Android (android.graphics.Color)	4288863726 (0xFFA2DDEE)
YUV	205.2970, 16.1226, -37.9715
Hunter-Lab	80.9736, -17.8543, -9.6421

Details

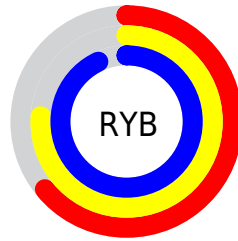
The Yxy color **65.5673, 0.2646, 0.3088** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.0017, 0.3802, 0.3482**, and the grayscale version is **61.1604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **33.7756, 0.2531, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **60.5465, 0.2510, 0.3014**, and if you desaturate by 10%, it is **71.1538, 0.2791, 0.3157**.

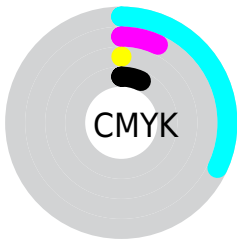
Distribution



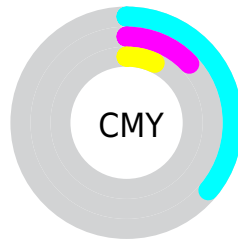
- Red (64%)
- Green (87%)
- Blue (93%)



- Red (64%)
- Yellow (76%)
- Blue (93%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5673, 0.2646, 0.3088 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 65.5673, 0.2646, 0.3088 by changing the saturation by 10% instead.

65.5673, 0.2646,
0.3088

65.5673, 0.2646,
0.3088

444.8278, 0.2869,
0.3187

47.9212, 0.2595,
0.3064

112.8651, 0.2723,
0.3123

33.7645, 0.2532,
0.3034

143.2856, 0.2753,
0.3137

22.7128, 0.2453,
0.2995

178.7330, 0.2779,
0.3148

14.3815, 0.2350,
0.2942

219.5917, 0.2802,
0.3158

8.3865, 0.2210,
0.2867

266.2462, 0.2822,
0.3167

4.3433, 0.2012,
0.2754

319.0807, 0.2839,

1.8674, 0.1711,

0.3174

0.2564

378.4798, 0.2855,
0.3181

■ 0.5286, 0.0595,
0.2212

■ 0.0000, 0.0000,
0.0000

■ 65.5673, 0.2646,
0.3088

■ 65.5673, 0.2646,
0.3088

■ 60.5465, 0.2510,
0.3014

■ 71.1538, 0.2791,
0.3157

■ 56.0562, 0.2386,
0.2936

■ 77.3235, 0.2943,
0.3221

■ 52.0686, 0.2278,
0.2855

■ 84.1028, 0.3097,
0.3279

■ 48.5503, 0.2189,
0.2772

■ 91.1020, 0.3237,
0.3332

■ 45.4624, 0.2119,
0.2689

■ 94.3174, 0.3233,
0.3383

■ 42.7587, 0.2068,
0.2607

■ 97.6257, 0.3228,
0.3434

■ 40.8027, 0.2039,
0.2541

■ 98.9528, 0.3226,
0.3454

Harmonies

Analogous

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



65.5673, 0.2740, 0.3320



65.5673, 0.2646, 0.3088



65.5673, 0.2673, 0.2925

Triad

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



65.5673, 0.2646, 0.3088



65.5673, 0.3308, 0.3045



65.5673, 0.3433, 0.3741

Complementary

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



65.5673, 0.2646, 0.3088



53.0017, 0.3802, 0.3482

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.



65.5673, 0.3598, 0.3643



65.5673, 0.2646, 0.3088



65.5673, 0.3526, 0.3242

Square

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



65.5673, 0.2646, 0.3088



65.5673, 0.3047, 0.2908



65.5673, 0.3634, 0.3459



65.5673, 0.3190, 0.3712

Rectangle

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



65.5673, 0.2646, 0.3088



65.5673, 0.2758, 0.2871



65.5673, 0.3634, 0.3459



65.5673, 0.3500, 0.3721

Sweetspot

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



65.5699, 0.2646, 0.3088



91.9000, 0.2972, 0.3233



72.0562, 0.2991, 0.4025



19.4393, 0.2950, 0.3224



0.0000, 0.0000, 0.0000



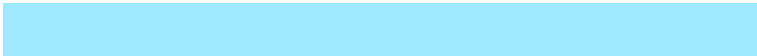
21.4041, 0.3127, 0.3290

Same Dimension

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



65.5699, 0.2646, 0.3088



72.9790, 0.2560, 0.3043



47.9255, 0.2589, 0.2620



17.2950, 0.2981, 0.3236



22.9662, 0.2043, 0.2554



2.0560, 0.2073, 0.2662

Inverse Universe

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



49.2246, 0.3307, 0.2659



51.6514, 0.3351, 0.2537



70.1280, 0.3676, 0.3879



15.9674, 0.3172, 0.3108



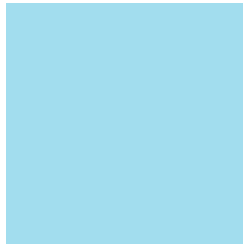
12.1118, 0.3869, 0.1905



1.0223, 0.3764, 0.1847

Previews

White Background



This preview shows how the Yxy color 65.5673, 0.2646, 0.3088 looks on a white background.

Color Contrast Check

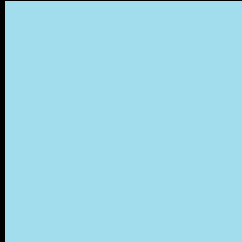
Large Text (above 18pt) WCAG AA × Fail

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 65.5673, 0.2646, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

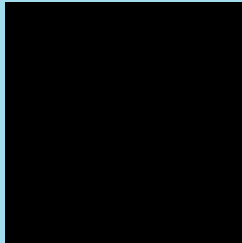
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5673, 0.2646, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 65.5673, 0.2646, 0.3088.

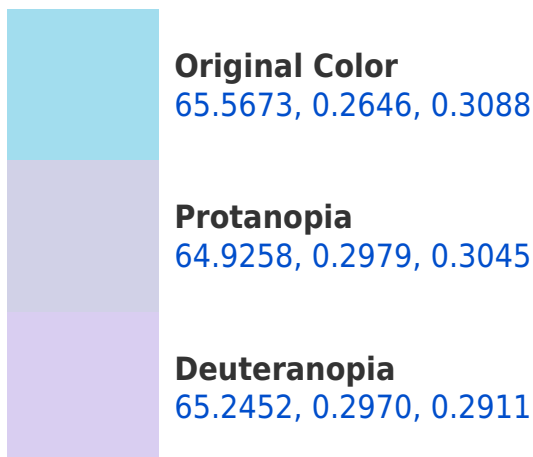


This preview shows how white text looks on a background with the Yxy color 65.5673, 0.2646, 0.3088.

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

65.6263, 0.2641, 0.3076

Trichromacy



Original Color

65.5673, 0.2646, 0.3088

Protanomaly

64.7355, 0.2845, 0.3050

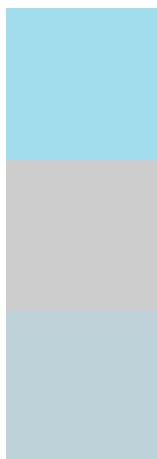
Deuteranomaly

64.7501, 0.2840, 0.2964

Tritanomaly

65.6263, 0.2641, 0.3076

Monochromacy



Original Color

65.5673, 0.2646, 0.3088

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.4171, 0.2929, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5673, 0.2646, 0.3088 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, 221, 238)` looks like.

```
.text, #text, p{  
    color:rgb(162, 221, 238)  
}
```

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, 221, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 221, 238) }
```

Border

The CSS property to change the border of an element to Yxy 65.5673, 0.2646, 0.3088 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, 221, 238) }
```

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

```
.border{ border-color:rgb(162, 221, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 221, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 221, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 221, 238);  
box-shadow:4px 4px 4px 4px rgb(162, 221,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5673, 0.2646, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 221, 238) }
```

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

```
.background{ background-color: rgb(162,  
221, 238) }
```

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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