

Converting Colors

$Yxy(66.1523, 0.2646, 0.3103)$

Have a look what the booklet for
Yxy(66.1523, 0.2646, 0.3103)
contains.

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Color

Yxy(66.0970, 0.2648, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	A2DEEE
RGB	162, 222, 238
RGB Percent	64%, 87%, 93%
CMY	0.3645, 0.1294, 0.0667
CMYK	0.32, 0.07, 0.00, 0.07
HSL	193°, 69%, 78%
HSV	193°, 32%, 93%
XYZ	56.4596, 66.0970, 90.6595
YIQ	205.8840, -40.8960, -7.7440

Conversions

Conversions Part 2

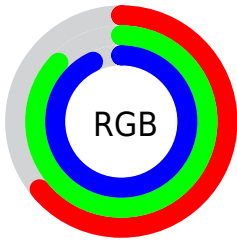
Format	Color
RYB	162, 196, 238
Decimal	10673902
CIELab	85.05, -15.23, -13.94
CIELCh	85, 20.646, 222.458
Yxy	66.0970, 0.2648, 0.3100
Android (android.graphics.Color)	4288863982 (0xFFA2DEEE)
YUV	205.8840, 15.8332, -38.4863
Hunter-Lab	81.3001, -18.3140, -9.2055

Details

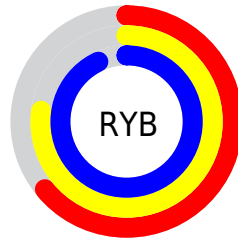
The Yxy color **66.0970, 0.2648, 0.3100** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.6424, 0.3805, 0.3471**, and the grayscale version is **61.5671, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **34.1406, 0.2533, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **61.2151, 0.2513, 0.3031**, and if you desaturate by 10%, it is **71.5350, 0.2793, 0.3165**.

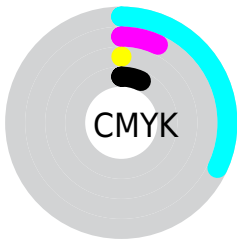
Distribution



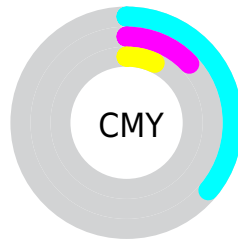
- Red (64%)
- Green (87%)
- Blue (93%)



- Red (64%)
- Yellow (77%)
- 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 66.0970, 0.2648, 0.3100 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 66.0970, 0.2648, 0.3100 by changing the saturation by 10% instead.


 66.0970, 0.2648,
0.3100


 66.0970, 0.2648,
0.3100

446.7237, 0.2870,
0.3193

 48.3511, 0.2598,
0.3077


 113.6255, 0.2725,
0.3133

 34.1051, 0.2535,
0.3049


 144.1770, 0.2755,
0.3146

 22.9743, 0.2457,
0.3012

179.7658, 0.2781,
0.3157

 14.5745, 0.2354,
0.2962

220.7764, 0.2803,
0.3166

 8.5213, 0.2216,
0.2891

267.5930, 0.2823,
0.3174

 4.4303, 0.2019,
0.2783

320.6002, 0.2840,

 1.9171, 0.1722,

0.3181

0.2603

380.1823, 0.2856,
0.3188

■ 0.5586, 0.0652,
0.2288

■ 0.0000, 0.0000,
0.0000

■ 66.0970, 0.2648,
0.3100

■ 66.0970, 0.2648,
0.3100

■ 61.2151, 0.2513,
0.3031

■ 71.5350, 0.2793,
0.3165

■ 56.8540, 0.2391,
0.2957

■ 77.5463, 0.2943,
0.3225

■ 52.9863, 0.2285,
0.2881

■ 84.1573, 0.3098,
0.3280

■ 49.5785, 0.2197,
0.2804

■ 90.9614, 0.3237,
0.3330

■ 46.5921, 0.2128,
0.2726

■ 93.9863, 0.3233,
0.3378

■ 43.9811, 0.2080,
0.2648

■ 97.0936, 0.3229,
0.3426

■ 42.0843, 0.2052,
0.2586

■ 98.9522, 0.3226,
0.3454

Harmonies

Analogous

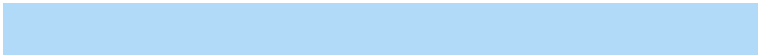
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0970, 0.2749, 0.3334



66.0970, 0.2648, 0.3100



66.0970, 0.2668, 0.2931

Triad

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



66.0970, 0.2648, 0.3100



66.0970, 0.3294, 0.3035



66.0970, 0.3446, 0.3739

Complementary

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



66.0970, 0.2648, 0.3100



52.6424, 0.3805, 0.3471

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.



66.0970, 0.3604, 0.3634



66.0970, 0.2648, 0.3100



66.0970, 0.3516, 0.3230

Square

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



66.0970, 0.2648, 0.3100



66.0970, 0.3033, 0.2903



66.0970, 0.3632, 0.3446



66.0970, 0.3205, 0.3718

Rectangle

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



66.0970, 0.2648, 0.3100



66.0970, 0.2748, 0.2874



66.0970, 0.3632, 0.3446



66.0970, 0.3511, 0.3716

Sweetspot

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



66.0996, 0.2648, 0.3100



92.1021, 0.2972, 0.3236



72.0117, 0.2998, 0.4040



19.4884, 0.2951, 0.3228



0.0000, 0.0000, 0.0000



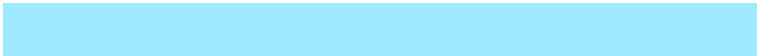
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0996, 0.2648, 0.3100



73.6845, 0.2563, 0.3057



48.4866, 0.2592, 0.2637



17.3309, 0.2981, 0.3239



23.6760, 0.2055, 0.2599



2.1093, 0.2083, 0.2700

Inverse Universe

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



49.3072, 0.3298, 0.2650



51.7226, 0.3341, 0.2525



69.4910, 0.3679, 0.3866



15.9711, 0.3170, 0.3106



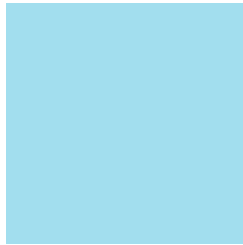
12.1835, 0.3825, 0.1881



1.0277, 0.3728, 0.1827

Previews

White Background



This preview shows how the Yxy color 66.0970, 0.2648, 0.3100 looks on a white background.

Color Contrast Check

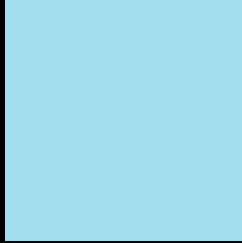
Large Text (above 18pt) WCAG AA × Fail

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 66.0970, 0.2648, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

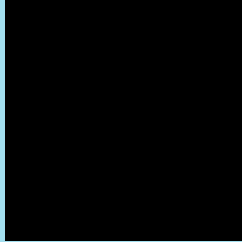
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.0970, 0.2648, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 66.0970, 0.2648, 0.3100.

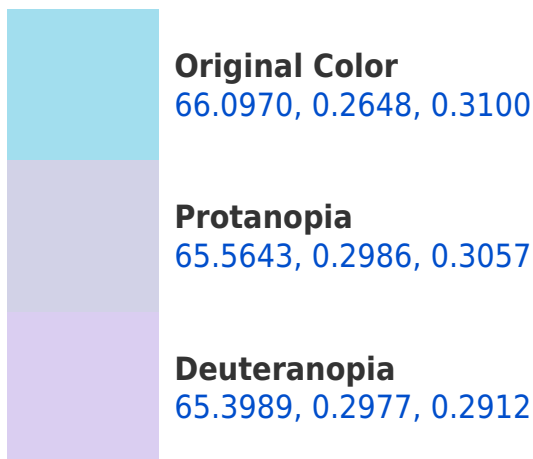


This preview shows how white text looks on a background with the Yxy color 66.0970, 0.2648, 0.3100.

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

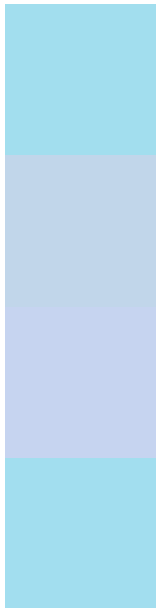




Tritanopia

66.2152, 0.2637, 0.3077

Trichromacy



Original Color

66.0970, 0.2648, 0.3100

Protanomaly

65.3711, 0.2852, 0.3062

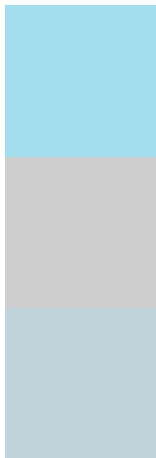
Deuteranomaly

65.3840, 0.2847, 0.2976

Tritanomaly

66.1559, 0.2642, 0.3088

Monochromacy



Original Color

66.0970, 0.2648, 0.3100

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.0961, 0.2930, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0970, 0.2648, 0.3100 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, 222, 238)` looks like.

```
.text, #text, p{  
    color:rgb(162, 222, 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, 222, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 222, 238) }
```

Border

The CSS property to change the border of an element to Yxy 66.0970, 0.2648, 0.3100 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, 222, 238) }
```

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

```
.border{ border-color:rgb(162, 222, 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, 222, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 222, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 222, 238);  
box-shadow:4px 4px 4px 4px rgb(162, 222,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0970, 0.2648, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 222, 238) }
```

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

```
.background{ background-color: rgb(162,  
222, 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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