

Converting Colors

$Yxy(66.0367, 0.2663, 0.3133)$

Have a look what the booklet for
Yxy(66.0367, 0.2663, 0.3133)
contains.

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Color

Yxy(65.9221, 0.2664, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	A2DEEB
RGB	162, 222, 235
RGB Percent	64%, 87%, 92%
CMY	0.3645, 0.1294, 0.0786
CMYK	0.31, 0.06, 0.00, 0.08
HSL	191°, 65%, 78%
HSV	191°, 31%, 92%
XYZ	56.0180, 65.9221, 88.3377
YIQ	205.5420, -39.9330, -8.6770

Conversions

Conversions Part 2

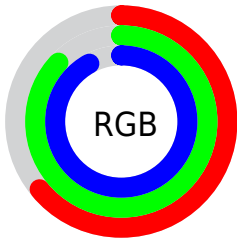
Format	Color
RYB	162, 195, 235
Decimal	10673899
CIELab	84.96, -15.95, -12.47
CIELCh	85, 20.244, 218.027
Yxy	65.9221, 0.2664, 0.3135
Android (android.graphics.Color)	4288863979 (0xFFA2DEEB)
YUV	205.5420, 14.5228, -38.1863
Hunter-Lab	81.1924, -18.9322, -7.6731

Details

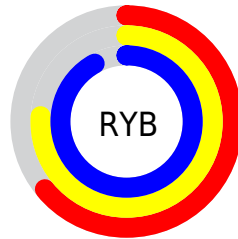
The Yxy color **65.9221, 0.2664, 0.3135** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.9259, 0.3788, 0.3439**, and the grayscale version is **61.3435, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **34.0803, 0.2559, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **61.4981, 0.2531, 0.3077**, and if you desaturate by 10%, it is **70.8661, 0.2807, 0.3189**.

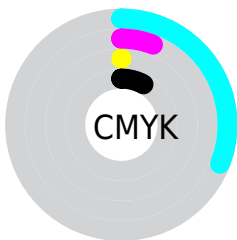
Distribution



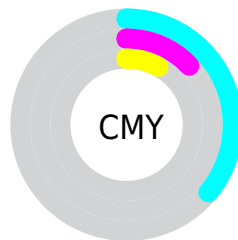
- Red (64%)
- Green (87%)
- Blue (92%)



- Red (64%)
- Yellow (76%)
- Blue (92%)



- Cyan (31%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)





- Cyan (36%)
- Magenta (13%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.9221, 0.2664, 0.3135 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 65.9221, 0.2664, 0.3135 by changing the saturation by 10% instead.

 65.9221, 0.2664,
0.3135


 65.9221, 0.2664,
0.3135


446.0982, 0.2879,
0.3212

 48.2092, 0.2615,
0.3116


 113.3745, 0.2738,
0.3163

 33.9926, 0.2555,
0.3093


 143.8828, 0.2767,
0.3173

 22.8879, 0.2478,
0.3062

179.4250, 0.2792,
0.3182

 14.5107, 0.2378,
0.3019

220.3855, 0.2814,
0.3190

 8.4767, 0.2243,
0.2959

267.1486, 0.2833,
0.3196

 4.4015, 0.2051,
0.2866

320.0989, 0.2850,

 1.9006, 0.1757,

0.3202

0.2708

379.6206, 0.2865,
0.3207

0.5487, 0.0590,
0.2446

0.0000, 0.0000,
0.0000

65.9221, 0.2664,
0.3135

65.9221, 0.2664,
0.3135

61.4981, 0.2531,
0.3077

70.8661, 0.2807,
0.3189

57.5600, 0.2412,
0.3016

76.3461, 0.2957,
0.3240

54.0820, 0.2308,
0.2953

82.3874, 0.3111,
0.3286

51.0323, 0.2224,
0.2889

88.8157, 0.3259,
0.3327

■ 48.3742, 0.2158,
0.2824

■ 91.2851, 0.3255,
0.3368

■ 46.0643, 0.2112,
0.2760

■ 93.8113, 0.3252,
0.3408

■ 44.2255, 0.2084,
0.2703

■ 96.3947, 0.3248,
0.3448

■ 98.7759, 0.3244,
0.3484

Harmonies

Analogous

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



65.9221, 0.2780, 0.3369



65.9221, 0.2664, 0.3135



65.9221, 0.2666, 0.2957

Triad

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



65.9221, 0.2664, 0.3135



65.9221, 0.3253, 0.3016



65.9221, 0.3470, 0.3722

Complementary

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



65.9221, 0.2664, 0.3135



50.9259, 0.3788, 0.3439

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.



65.9221, 0.3608, 0.3605



65.9221, 0.2664, 0.3135



65.9221, 0.3482, 0.3200

Square

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



65.9221, 0.2664, 0.3135



65.9221, 0.2998, 0.2898



65.9221, 0.3614, 0.3413



65.9221, 0.3242, 0.3721

Rectangle

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



65.9221, 0.2664, 0.3135



65.9221, 0.2734, 0.2890



65.9221, 0.3614, 0.3413



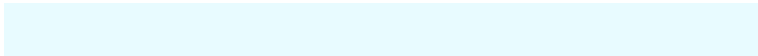
65.9221, 0.3529, 0.3695

Sweetspot

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



65.9247, 0.2664, 0.3135



93.3294, 0.2988, 0.3249



70.1432, 0.3015, 0.4047



19.7568, 0.2965, 0.3242



0.0000, 0.0000, 0.0000



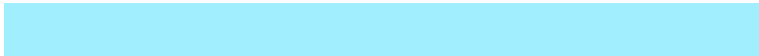
21.4041, 0.3127, 0.3290

Same Dimension

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



65.9247, 0.2664, 0.3135



76.0450, 0.2581, 0.3100



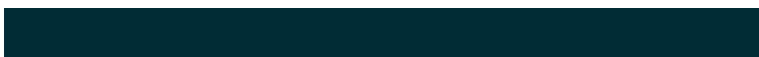
48.9463, 0.2612, 0.2690



16.6400, 0.2981, 0.3247



24.7932, 0.2087, 0.2713



2.0660, 0.2112, 0.2801

Inverse Universe

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



48.7848, 0.3272, 0.2644



52.8143, 0.3307, 0.2517



66.6823, 0.3669, 0.3824



15.2652, 0.3165, 0.3098



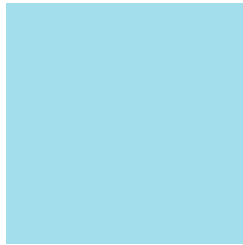
11.9957, 0.3716, 0.1821



0.9540, 0.3633, 0.1775

Previews

White Background



This preview shows how the Yxy color 65.9221, 0.2664, 0.3135 looks on a white background.

Color Contrast Check

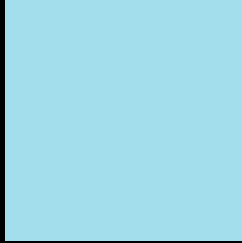
Large Text (above 18pt) WCAG AA × Fail

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 65.9221, 0.2664, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

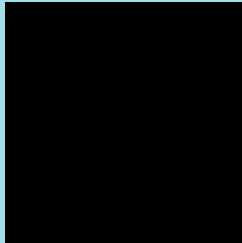
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.9221, 0.2664, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 65.9221, 0.2664, 0.3135.



This preview shows how white text looks on a background with the Yxy color 65.9221, 0.2664, 0.3135.

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

65.9221, 0.2664, 0.3135

Protanopia

65.3963, 0.3006, 0.3089

Deuteranopia

65.3757, 0.3004, 0.2944



Tritanopia

65.7314, 0.2647, 0.3077

Trichromacy



Original Color

65.9221, 0.2664, 0.3135

Protanomaly

65.2001, 0.2870, 0.3095

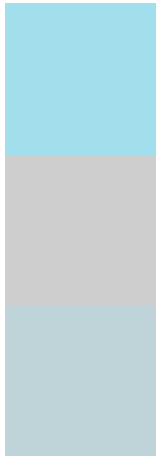
Deuteranomaly

65.2072, 0.2866, 0.3008

Tritanomaly

65.6725, 0.2652, 0.3088

Monochromacy



Original Color

65.9221, 0.2664, 0.3135

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.0439, 0.2936, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.9221, 0.2664, 0.3135 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, 235)` looks like.

```
.text, #text, p{  
    color:rgb(162, 222, 235)  
}
```

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, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 222, 235) }
```

Border

The CSS property to change the border of an element to Yxy 65.9221, 0.2664, 0.3135 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, 235) }
```

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

```
.border{ border-color:rgb(162, 222, 235) }
```

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, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 222, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 222, 235);  
box-shadow:4px 4px 4px 4px rgb(162, 222,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 65.9221, 0.2664, 0.3135 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, 235) }
```

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

```
.background{ background-color: rgb(162,  
222, 235) }
```

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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