

Converting Colors

$Yxy(66.0069, 0.2647, 0.3124)$

Have a look what the booklet for
Yxy(66.0069, 0.2647, 0.3124)
contains.

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Color

Yxy(65.7723, 0.2647, 0.3122)

Conversions

Conversions Part 1

Format	Color
Hex	A0DEEC
RGB	160, 222, 236
RGB Percent	63%, 87%, 93%
CMY	0.3725, 0.1294, 0.0744
CMYK	0.32, 0.06, 0.00, 0.07
HSL	191°, 67%, 78%
HSV	191°, 32%, 93%
XYZ	55.7653, 65.7723, 89.1360
YIQ	205.0580, -41.4460, -8.7900

Conversions

Conversions Part 2

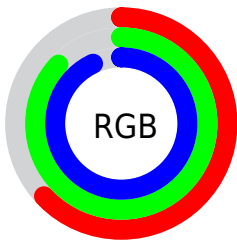
Format	Color
RYB	160, 194, 236
Decimal	10542828
CIELab	84.88, -16.25, -13.16
CIElCh	85, 20.911, 219.012
Yxy	65.7723, 0.2647, 0.3122
Android (android.graphics.Color)	4288732908 (0xFFA0DEEC)
YUV	205.0580, 15.2544, -39.5159
Hunter-Lab	81.1001, -19.1867, -8.3947

Details

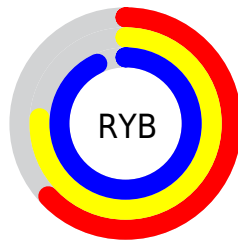
The Yxy color **65.7723, 0.2647, 0.3122** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.6717, 0.3820, 0.3450**, and the grayscale version is **61.0153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4917, 0.2900, 0.3289**, and **33.9360, 0.2533, 0.3083** is the 20% darker color. If you saturate the color by 10%, you get **61.2831, 0.2515, 0.3061**, and if you desaturate by 10%, it is **70.7884, 0.2790, 0.3179**.

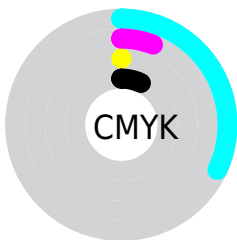
Distribution



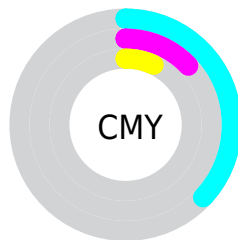
- Red (63%)
- Green (87%)
- Blue (93%)



- Red (63%)
- Yellow (76%)
- Blue (93%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (37%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7723, 0.2647, 0.3122 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 65.7723, 0.2647, 0.3122 by changing the saturation by 10% instead.


 65.7723, 0.2647,
0.3122

 65.7723, 0.2647,
0.3122


445.5621, 0.2869,
0.3205

 48.0876, 0.2596,
0.3102


 113.1595, 0.2724,
0.3152

 33.8963, 0.2534,
0.3076


 143.6307, 0.2754,
0.3163

 22.8139, 0.2455,
0.3043


179.1329, 0.2780,
0.3173

 14.4562, 0.2352,
0.2997

220.0504, 0.2802,
0.3181

 8.4386, 0.2212,
0.2932

266.7677, 0.2822,
0.3188

 4.3769, 0.2014,
0.2832

319.6692, 0.2840,

 1.8865, 0.1712,

0.3195

379.1392, 0.2855,
0.3200

0.2663

0.5403, 0.0514,
0.2375

0.0000, 0.0000,
0.0000

65.7723, 0.2647,
0.3122

65.7723, 0.2647,
0.3122

61.2831, 0.2515,
0.3061

70.7884, 0.2790,
0.3179

57.2863, 0.2396,
0.2998

76.3480, 0.2939,
0.3232

53.7552, 0.2294,
0.2932

82.4768, 0.3093,
0.3280

50.6571, 0.2211,
0.2864

89.1962, 0.3248,
0.3324

■ 47.9543, 0.2146,
0.2797

■ 91.8919, 0.3248,
0.3366

■ 45.6016, 0.2102,
0.2730

■ 94.5428, 0.3244,
0.3408

■ 43.9548, 0.2077,
0.2678

■ 97.2561, 0.3240,
0.3449

■ 98.8380, 0.3238,
0.3473

Harmonies

Analogous

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



65.7723, 0.2763, 0.3364



65.7723, 0.2647, 0.3122



65.7723, 0.2653, 0.2941

Triad

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



65.7723, 0.2647, 0.3122



65.7723, 0.3266, 0.3012



65.7723, 0.3474, 0.3739

Complementary

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



65.7723, 0.2647, 0.3122



50.6717, 0.3820, 0.3450

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.



65.7723, 0.3622, 0.3620



65.7723, 0.2647, 0.3122



65.7723, 0.3500, 0.3204

Square

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



65.7723, 0.2647, 0.3122



65.7723, 0.3002, 0.2888



65.7723, 0.3633, 0.3424



65.7723, 0.3236, 0.3734

Rectangle

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



65.7723, 0.2647, 0.3122



65.7723, 0.2725, 0.2875



65.7723, 0.3633, 0.3424



65.7723, 0.3536, 0.3712

Sweetspot

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



65.7749, 0.2647, 0.3122



92.5129, 0.2972, 0.3243



70.5395, 0.3004, 0.4064



19.5883, 0.2951, 0.3236



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.



65.7749, 0.2647, 0.3122



74.6014, 0.2554, 0.3080



47.8535, 0.2589, 0.2647



16.6214, 0.2981, 0.3245



24.3990, 0.2080, 0.2689



2.0384, 0.2106, 0.2781

Inverse Universe

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



48.2618, 0.3283, 0.2625



50.9794, 0.3325, 0.2483



67.4453, 0.3689, 0.3858



15.2633, 0.3166, 0.3100



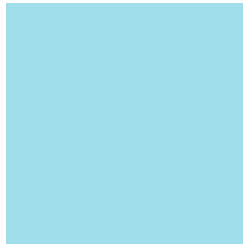
11.9559, 0.3739, 0.1833



0.9512, 0.3652, 0.1785

Previews

White Background



This preview shows how the Yxy color 65.7723, 0.2647, 0.3122 looks on a white background.

Color Contrast Check

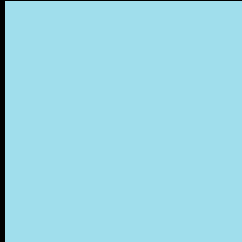
Large Text (above 18pt) WCAG AA × Fail

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 65.7723, 0.2647, 0.3122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

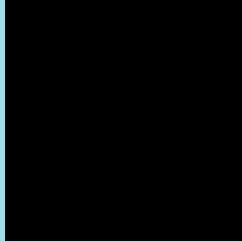
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7723, 0.2647, 0.3122

Background



This preview shows how black text looks on a background with the Yxy color 65.7723, 0.2647, 0.3122.

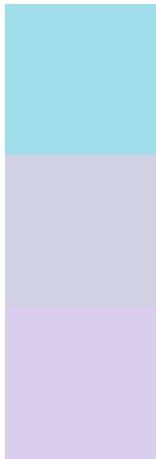


This preview shows how white text looks on a background with the Yxy color 65.7723, 0.2647, 0.3122.

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

65.7723, 0.2647, 0.3122

Protanopia

65.3963, 0.3006, 0.3089

Deuteranopia

65.2800, 0.2990, 0.2933



Tritanopia

65.5220, 0.2635, 0.3076

Trichromacy



Original Color

65.7723, 0.2647, 0.3122

Protanomaly

65.0691, 0.2863, 0.3095

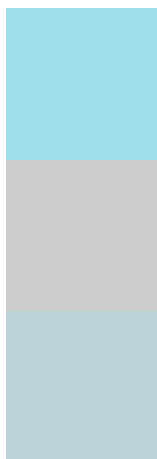
Deuteranomaly

65.1303, 0.2853, 0.2997

Tritanomaly

65.4630, 0.2641, 0.3088

Monochromacy



Original Color

65.7723, 0.2647, 0.3122

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.3652, 0.2936, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7723, 0.2647, 0.3122 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(160, 222, 236)` looks like.

```
.text, #text, p{  
    color:rgb(160, 222, 236)  
}
```

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(160, 222, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 222, 236) }
```

Border

The CSS property to change the border of an element to Yxy 65.7723, 0.2647, 0.3122 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(160, 222, 236) }
```

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

```
.border{ border-color:rgb(160, 222, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 222, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 222, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 222, 236);  
box-shadow:4px 4px 4px 4px rgb(160, 222,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7723, 0.2647, 0.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 222, 236) }
```

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

```
.background{ background-color: rgb(160,  
222, 236) }
```

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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