

Converting Colors

$Yxy(65.7363, 0.2631, 0.3199)$

Have a look what the booklet for
Yxy(65.7363, 0.2631, 0.3199)
contains.

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Color

Yxy(65.7562, 0.2633, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	98E0E7
RGB	152, 224, 231
RGB Percent	60%, 88%, 91%
CMY	0.4036, 0.1216, 0.0942
CMYK	0.34, 0.03, 0.00, 0.09
HSL	185°, 62%, 75%
HSV	185°, 34%, 91%
XYZ	54.0375, 65.7562, 85.4379
YIQ	203.2700, -45.1590, -13.0870

Conversions

Conversions Part 2

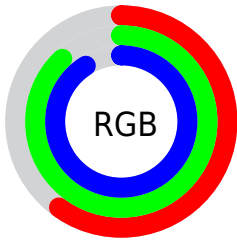
Format	Color
RYB	152, 190, 231
Decimal	10019047
CIELab	84.87, -20.58, -10.55
CIELCh	85, 23.129, 207.147
Yxy	65.7562, 0.2633, 0.3204
Android (android.graphics.Color)	4288209127 (0xFF98E0E7)
YUV	203.2700, 13.6709, -44.9638
Hunter-Lab	81.0902, -22.9577, -5.7057

Details

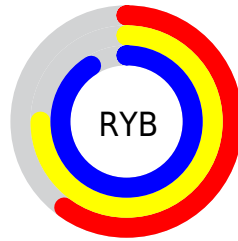
The Yxy color **65.7562, 0.2633, 0.3204** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.0798, 0.3906, 0.3373**, and the grayscale version is **59.8441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **34.0125, 0.2520, 0.3191** is the 20% darker color. If you saturate the color by 10%, you get **62.6467, 0.2513, 0.3175**, and if you desaturate by 10%, it is **69.3183, 0.2767, 0.3231**.

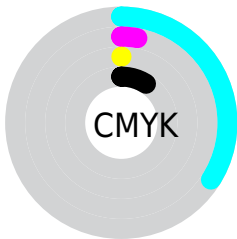
Distribution



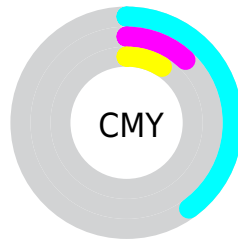
- Red (60%)
- Green (88%)
- Blue (91%)



- Red (60%)
- Yellow (75%)
- Blue (91%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)




- Cyan (40%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.7562, 0.2633, 0.3204 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 65.7562, 0.2633, 0.3204 by changing the saturation by 10% instead.


 65.7562, 0.2633,
0.3204


 65.7562, 0.2633,
0.3204


445.5045, 0.2862,
0.3249

 48.0745, 0.2581,
0.3192

 113.1363, 0.2712,
0.3221

 33.8859, 0.2516,
0.3178

 143.6036, 0.2743,
0.3227

 22.8060, 0.2435,
0.3158

179.1015, 0.2770,
0.3232

 14.4503, 0.2328,
0.3130

220.0144, 0.2793,
0.3236

 8.4345, 0.2184,
0.3088

266.7268, 0.2814,
0.3240

 4.3742, 0.1978,
0.3021

319.6230, 0.2832,

 1.8850, 0.1665,

0.3244

0.2901

379.0874, 0.2848,
0.3246

0.5394, 0.0053,
0.2807

0.0000, 0.0000,
0.0000

65.7562, 0.2633,
0.3204

65.7562, 0.2633,
0.3204

62.6467, 0.2513,
0.3175

69.3183, 0.2767,
0.3231

59.9566, 0.2409,
0.3145

73.3484, 0.2911,
0.3257

57.6606, 0.2323,
0.3115

77.8708, 0.3063,
0.3281

55.7272, 0.2256,
0.3084

82.9057, 0.3219,
0.3302

■ 54.1201, 0.2209,
0.3053

■ 86.0092, 0.3289,
0.3322

■ 52.7947, 0.2180,
0.3023

■ 87.1842, 0.3287,
0.3343

■ 52.1108, 0.2168,
0.3006

■ 88.3727, 0.3285,
0.3363

■ 89.5748, 0.3283,
0.3383

■ 90.7905, 0.3281,
0.3402

Harmonies

Analogous

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



65.7562, 0.2807, 0.3479



65.7562, 0.2633, 0.3204



65.7562, 0.2586, 0.2970

Triad

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



65.7562, 0.2633, 0.3204



65.7562, 0.3163, 0.2919



65.7562, 0.3591, 0.3748

Complementary

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



65.7562, 0.2633, 0.3204



44.0798, 0.3906, 0.3373

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.



65.7562, 0.3699, 0.3574



65.7562, 0.2633, 0.3204



65.7562, 0.3447, 0.3105

Square

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



65.7562, 0.2633, 0.3204



65.7562, 0.2882, 0.2821



65.7562, 0.3647, 0.3340



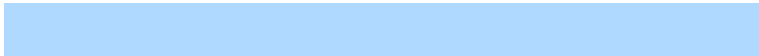
65.7562, 0.3358, 0.3804

Rectangle

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



65.7562, 0.2633, 0.3204



65.7562, 0.2630, 0.2868



65.7562, 0.3647, 0.3340



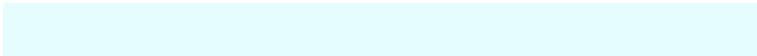
65.7562, 0.3643, 0.3700

Sweetspot

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



65.7588, 0.2633, 0.3204



94.0457, 0.2972, 0.3267



66.3211, 0.3042, 0.4224



19.9615, 0.2951, 0.3264



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.



65.7588, 0.2633, 0.3204



79.4921, 0.2547, 0.3184



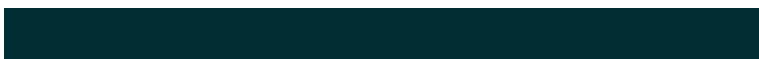
47.1324, 0.2568, 0.2706



16.1062, 0.2982, 0.3268



29.3109, 0.2170, 0.3010



2.2304, 0.2182, 0.3054

Inverse Universe

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



44.8505, 0.3227, 0.2511



49.8536, 0.3251, 0.2356



59.6958, 0.3755, 0.3810



14.5920, 0.3151, 0.3079



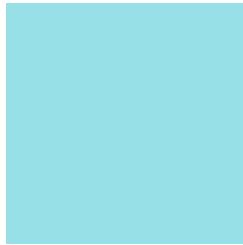
12.1567, 0.3445, 0.1671



0.9048, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 65.7562, 0.2633, 0.3204 looks on a white background.

Color Contrast Check

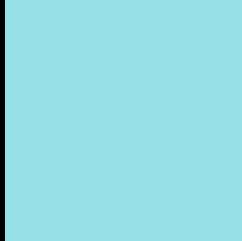
Large Text (above 18pt) WCAG AA × Fail

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 65.7562, 0.2633, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

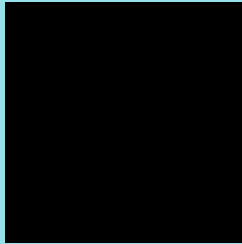
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.7562, 0.2633, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 65.7562, 0.2633, 0.3204.



This preview shows how white text looks on a background with the Yxy color 65.7562, 0.2633, 0.3204.

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

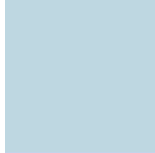
65.9366, 0.2595, 0.3087

Trichromacy



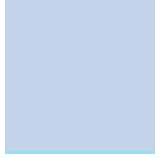
Original Color

65.7562, 0.2633, 0.3204



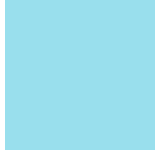
Protanomaly

64.9843, 0.2887, 0.3173



Deuteranomaly

64.6296, 0.2864, 0.3039



Tritanomaly

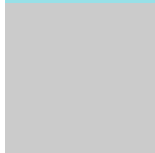
65.6621, 0.2605, 0.3121

Monochromacy



Original Color

65.7562, 0.2633, 0.3204



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

61.5830, 0.2920, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7562, 0.2633, 0.3204 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(152, 224, 231)` looks like.

```
.text, #text, p{  
    color:rgb(152, 224, 231)  
}
```

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(152, 224, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 224, 231) }
```

Border

The CSS property to change the border of an element to Yxy 65.7562, 0.2633, 0.3204 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(152, 224, 231) }
```

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

```
.border{ border-color:rgb(152, 224, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 224, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 224, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 224, 231);  
box-shadow:4px 4px 4px 4px rgb(152, 224,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7562, 0.2633, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 224, 231) }
```

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

```
.background{ background-color: rgb(152,  
224, 231) }
```

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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