

Converting Colors

$Yxy(63.4134, 0.2655, 0.3125)$

Have a look what the booklet for
Yxy(63.4134, 0.2655, 0.3125)
contains.

Yxy(63.2381, 0.2651, 0.3120)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(63.2381, 0.2651, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	9EDA E8
RGB	158, 218, 232
RGB Percent	62%, 85%, 91%
CMY	0.3805, 0.1451, 0.0902
CMYK	0.32, 0.06, 0.00, 0.09
HSL	191°, 62%, 76%
HSV	191°, 32%, 91%
XYZ	53.7321, 63.2381, 85.7160
YIQ	201.6560, -40.2540, -8.3660

Conversions

Conversions Part 2

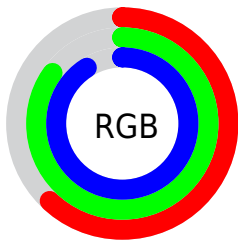
Format	Color
RYB	158, 191, 232
Decimal	10410728
CIELab	83.57, -15.74, -13.00
CIELCh	84, 20.416, 219.558
Yxy	63.2381, 0.2651, 0.3120
Android (android.graphics.Color)	4288600808 (0xFF9EDAE8)
YUV	201.6560, 14.9596, -38.2863
Hunter-Lab	79.5224, -18.5543, -8.2421

Details

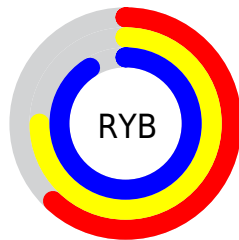
The Yxy color **63.2381, 0.2651, 0.3120** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.1117, 0.3809, 0.3452**, and the grayscale version is **58.7586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0361, 0.2883, 0.3289**, and **32.2720, 0.2542, 0.3079** is the 20% darker color. If you saturate the color by 10%, you get **58.8627, 0.2518, 0.3058**, and if you desaturate by 10%, it is **68.1227, 0.2794, 0.3178**.

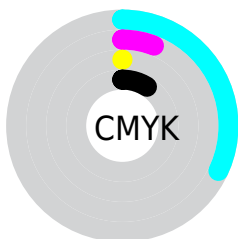
Distribution



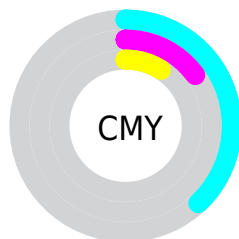
- Red (62%)
- Green (85%)
- Blue (91%)



- Red (62%)
- Yellow (75%)
- Blue (91%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)





- Cyan (38%)
- Magenta (15%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2381, 0.2651, 0.3120 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 63.2381, 0.2651, 0.3120 by changing the saturation by 10% instead.


 63.2381, 0.2651,
0.3120

 63.2381, 0.2651,
0.3120


436.4331, 0.2873,
0.3205

 46.0339, 0.2600,
0.3099


 109.5129, 0.2728,
0.3150

 32.2725, 0.2537,
0.3073


 139.3523, 0.2758,
0.3162

 21.5698, 0.2457,
0.3038


174.1722, 0.2784,
0.3172

 13.5411, 0.2352,
0.2991

214.3570, 0.2807,
0.3180

 7.8022, 0.2209,
0.2923

260.2911, 0.2826,
0.3187

 3.9686, 0.2003,
0.2818

312.3589, 0.2844,

 1.6560, 0.1688,

0.3194

0.2637

370.9447, 0.2859,
0.3199

0.3949, 0.0000,
0.2213

0.0000, 0.0000,
0.0000

63.2381, 0.2651,
0.3120

63.2381, 0.2651,
0.3120

58.8627, 0.2518,
0.3058

68.1227, 0.2794,
0.3178

54.9634, 0.2399,
0.2993

73.5325, 0.2944,
0.3232

51.5148, 0.2296,
0.2925

79.4920, 0.3098,
0.3281

48.4856, 0.2211,
0.2857

86.0217, 0.3252,
0.3326

■ 45.8398, 0.2145,
0.2787

■ 89.3643, 0.3277,
0.3368

■ 43.5343, 0.2099,
0.2719

■ 91.9755, 0.3273,
0.3411

■ 41.8624, 0.2073,
0.2664

■ 94.6495, 0.3268,
0.3453

■ 97.3867, 0.3264,
0.3494

■ 98.6061, 0.3262,
0.3513

Harmonies

Analogous

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



63.2381, 0.2764, 0.3359



63.2381, 0.2651, 0.3120



63.2381, 0.2659, 0.2942

Triad

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



63.2381, 0.2651, 0.3120



63.2381, 0.3269, 0.3018



63.2381, 0.3467, 0.3735

Complementary

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



63.2381, 0.2651, 0.3120



49.1117, 0.3809, 0.3452

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.



63.2381, 0.3615, 0.3620



63.2381, 0.2651, 0.3120



63.2381, 0.3500, 0.3209

Square

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



63.2381, 0.2651, 0.3120



63.2381, 0.3008, 0.2893



63.2381, 0.3628, 0.3426



63.2381, 0.3231, 0.3728

Rectangle

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



63.2381, 0.2651, 0.3120



63.2381, 0.2732, 0.2878



63.2381, 0.3628, 0.3426



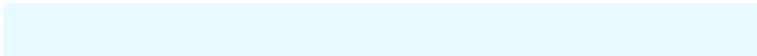
63.2381, 0.3529, 0.3709

Sweetspot

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



63.2406, 0.2651, 0.3120



92.4447, 0.2972, 0.3241



67.9394, 0.3005, 0.4055



19.5717, 0.2951, 0.3234



0.0000, 0.0000, 0.0000



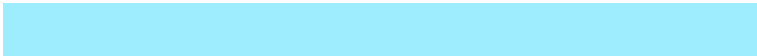
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2406, 0.2651, 0.3120



74.8889, 0.2566, 0.3081



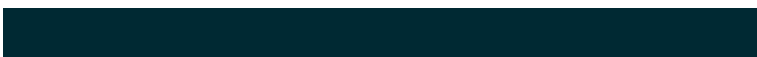
46.3075, 0.2595, 0.2654



15.8491, 0.2981, 0.3245



23.4160, 0.2076, 0.2675



1.8502, 0.2104, 0.2775

Inverse Universe

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



46.6613, 0.3284, 0.2635



51.8442, 0.3323, 0.2507



65.0064, 0.3682, 0.3852



14.5661, 0.3167, 0.3101



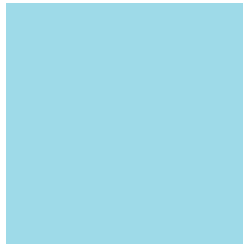
11.5616, 0.3752, 0.1841



0.8665, 0.3658, 0.1789

Previews

White Background



This preview shows how the Yxy color 63.2381, 0.2651, 0.3120 looks on a white background.

Color Contrast Check

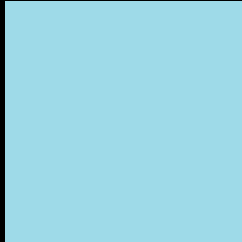
Large Text (above 18pt) WCAG AA × Fail

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 63.2381, 0.2651, 0.3120 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 63.2381, 0.2651, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 63.2381, 0.2651, 0.3120.

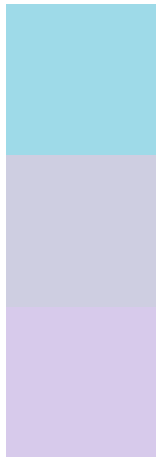


This preview shows how white text looks on a background with the Yxy color 63.2381, 0.2651, 0.3120.

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

63.2381, 0.2651, 0.3120

Protanopia

62.7007, 0.2997, 0.3075

Deuteranopia

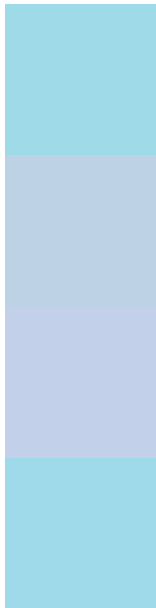
62.6863, 0.2995, 0.2927



Tritanopia

63.5119, 0.2641, 0.3085

Trichromacy



Original Color

63.2381, 0.2651, 0.3120

Protanomaly

62.5134, 0.2860, 0.3080

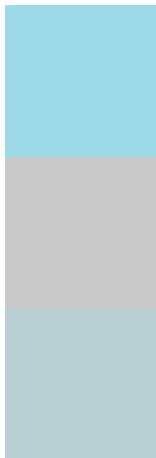
Deuteranomaly

62.5216, 0.2855, 0.2992

Tritanomaly

63.4542, 0.2646, 0.3097

Monochromacy



Original Color

63.2381, 0.2651, 0.3120

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.3549, 0.2933, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2381, 0.2651, 0.3120 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(158, 218, 232)` looks like.

```
.text, #text, p{  
    color:rgb(158, 218, 232)  
}
```

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(158, 218, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 218, 232) }
```

Border

The CSS property to change the border of an element to Yxy 63.2381, 0.2651, 0.3120 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(158, 218, 232) }
```

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

```
.border{ border-color:rgb(158, 218, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 218, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 218, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 218, 232);  
box-shadow:4px 4px 4px 4px rgb(158, 218,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2381, 0.2651, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 218, 232) }
```

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

```
.background{ background-color: rgb(158,  
218, 232) }
```

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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