

Converting Colors

$Yxy(62.2425, 0.2630, 0.3192)$

Have a look what the booklet for
Yxy(62.2425, 0.2630, 0.3192)
contains.

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Color

Yxy(62.0234, 0.2633, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	95DAE2
RGB	149, 218, 226
RGB Percent	58%, 85%, 89%
CMY	0.4156, 0.1451, 0.1138
CMYK	0.34, 0.04, 0.00, 0.11
HSL	186°, 57%, 74%
HSV	186°, 34%, 89%
XYZ	51.1936, 62.0234, 81.2137
YIQ	198.2810, -43.6920, -12.1400

Conversions

Conversions Part 2

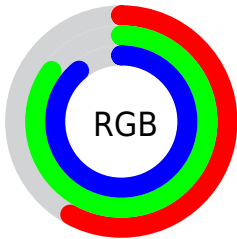
Format	Color
RYB	149, 185, 226
Decimal	9820898
CIELab	82.93, -19.59, -10.82
CIELCh	83, 22.379, 208.905
Yxy	62.0234, 0.2633, 0.3190
Android (android.graphics.Color)	4288010978 (0xFF95DAE2)
YUV	198.2810, 13.6655, -43.2194
Hunter-Lab	78.7549, -21.7896, -6.0126

Details

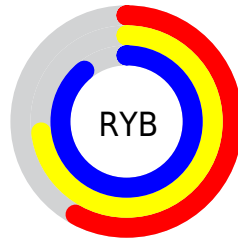
The Yxy color **62.0234, 0.2633, 0.3190** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.4512, 0.3896, 0.3386**, and the grayscale version is **56.5899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.7191, 0.2833, 0.3289**, and **31.5143, 0.2510, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **58.8951, 0.2511, 0.3156**, and if you desaturate by 10%, it is **65.5862, 0.2768, 0.3222**.

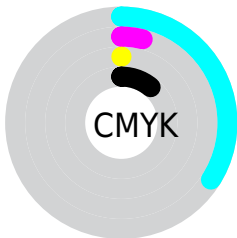
Distribution



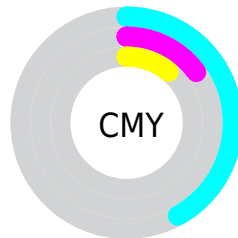
- Red (58%)
- Green (85%)
- Blue (89%)



- Red (58%)
- Yellow (73%)
- Blue (89%)



- Cyan (34%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)




- Cyan (42%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.0234, 0.2633, 0.3190 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 62.0234, 0.2633, 0.3190 by changing the saturation by 10% instead.

 62.0234, 0.2633,
0.3190

 62.0234, 0.2633,
0.3190

432.0164, 0.2864,
0.3242

 45.0516, 0.2580,
0.3177


 107.7593, 0.2714,
0.3209

 31.4981, 0.2513,
0.3159


 137.2923, 0.2745,
0.3216

 20.9784, 0.2429,
0.3136


171.7811, 0.2772,
0.3222

 13.1082, 0.2319,
0.3104

211.6101, 0.2795,
0.3227

 7.5031, 0.2167,
0.3055

257.1638, 0.2816,
0.3232

 3.7787, 0.1949,
0.2977

308.8264, 0.2834,

 1.5505, 0.1612,

0.3236

366.9825, 0.2850,
0.3239

0.2832

0.3239, 0.0000,
0.2249

0.0000, 0.0000,
0.0000

62.0234, 0.2633,
0.3190

62.0234, 0.2633,
0.3190

58.8951, 0.2511,
0.3156

65.5862, 0.2768,
0.3222

56.1699, 0.2405,
0.3121

69.5983, 0.2913,
0.3252

53.8238, 0.2317,
0.3085

74.0825, 0.3064,
0.3280

51.8270, 0.2248,
0.3049

79.0582, 0.3220,
0.3305

■ 50.1452, 0.2199,
0.3013

■ 83.1893, 0.3328,
0.3328

■ 48.7363, 0.2167,
0.2977

■ 84.5006, 0.3325,
0.3351

■ 47.9887, 0.2155,
0.2956

■ 85.8294, 0.3322,
0.3374

■ 87.1760, 0.3319,
0.3397

■ 88.5403, 0.3316,
0.3420

Harmonies

Analogous

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



62.0234, 0.2799, 0.3461



62.0234, 0.2633, 0.3190



62.0234, 0.2594, 0.2964

Triad

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



62.0234, 0.2633, 0.3190



62.0234, 0.3180, 0.2933



62.0234, 0.3574, 0.3749

Complementary

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



62.0234, 0.2633, 0.3190



42.4512, 0.3896, 0.3386

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.



62.0234, 0.3689, 0.3582



62.0234, 0.2633, 0.3190



62.0234, 0.3457, 0.3120

Square

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



62.0234, 0.2633, 0.3190



62.0234, 0.2900, 0.2830



62.0234, 0.3647, 0.3353



62.0234, 0.3339, 0.3795

Rectangle

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



62.0234, 0.2633, 0.3190



62.0234, 0.2643, 0.2867



62.0234, 0.3647, 0.3353



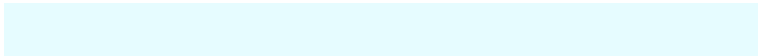
62.0234, 0.3628, 0.3704

Sweetspot

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



62.0259, 0.2633, 0.3190



93.8045, 0.2972, 0.3263



63.2008, 0.3035, 0.4202



19.9028, 0.2951, 0.3259



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.



62.0259, 0.2633, 0.3190



78.5424, 0.2544, 0.3166



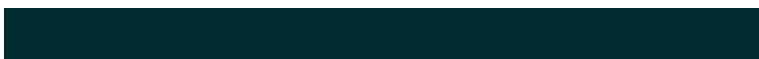
44.4454, 0.2568, 0.2691



15.3167, 0.2982, 0.3265



27.4845, 0.2156, 0.2962



1.9760, 0.2171, 0.3017

Inverse Universe

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



42.7292, 0.3237, 0.2526



49.7578, 0.3265, 0.2369



57.4563, 0.3747, 0.3821



13.9099, 0.3154, 0.3083



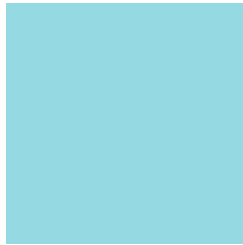
11.6826, 0.3488, 0.1695



0.8169, 0.3439, 0.1668

Previews

White Background



This preview shows how the Yxy color 62.0234, 0.2633, 0.3190 looks on a white background.

Color Contrast Check

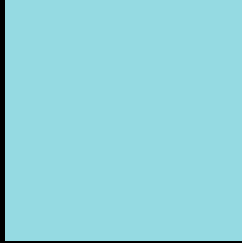
Large Text (above 18pt) WCAG AA × Fail

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 62.0234, 0.2633, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

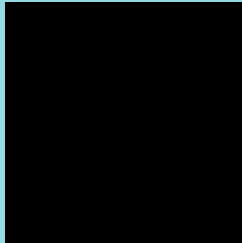
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.0234, 0.2633, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 62.0234, 0.2633, 0.3190.



This preview shows how white text looks on a background with the Yxy color 62.0234, 0.2633, 0.3190.

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

62.0234, 0.2633, 0.3190

Protanopia

61.3695, 0.3044, 0.3130

Deuteranopia

61.3179, 0.3022, 0.2957



Tritanopia

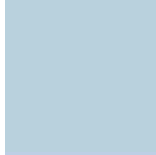
62.1455, 0.2600, 0.3082

Trichromacy



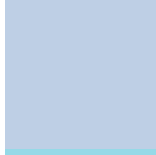
Original Color

62.0234, 0.2633, 0.3190



Protanomaly

61.1357, 0.2876, 0.3147



Deuteranomaly

61.2299, 0.2858, 0.3034



Tritanomaly

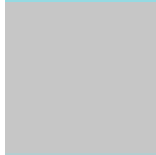
61.8793, 0.2610, 0.3117

Monochromacy



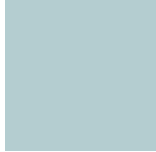
Original Color

62.0234, 0.2633, 0.3190



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

57.9200, 0.2922, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.0234, 0.2633, 0.3190 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(149, 218, 226)` looks like.

```
.text, #text, p{  
    color:rgb(149, 218, 226)  
}
```

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(149, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 218, 226) }
```

Border

The CSS property to change the border of an element to Yxy 62.0234, 0.2633, 0.3190 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(149, 218, 226) }
```

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

```
.border{ border-color:rgb(149, 218, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(149, 218,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 62.0234, 0.2633, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 218, 226) }
```

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

```
.background{ background-color: rgb(149,  
218, 226) }
```

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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