

Converting Colors

$Yxy(62.5984, 0.2671, 0.3051)$

Have a look what the booklet for
Yxy(62.5984, 0.2671, 0.3051)
contains.

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Color

Yxy(62.5984, 0.2671, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	A5D7EB
RGB	165, 215, 235
RGB Percent	65%, 84%, 92%
CMY	0.3531, 0.1568, 0.0785
CMYK	0.30, 0.08, 0.00, 0.08
HSL	197°, 64%, 78%
HSV	197°, 30%, 92%
XYZ	54.8018, 62.5984, 87.7732
YIQ	202.3300, -36.2200, -4.3800

Conversions

Conversions Part 2

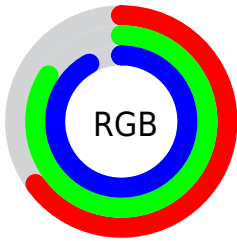
Format	Color
RYB	165, 194, 235
Decimal	10868715
CIELab	83.23, -11.56, -15.05
CIELCh	83, 18.978, 232.463
Yxy	62.5984, 0.2671, 0.3051
Android (android.graphics.Color)	4289058795 (0xFFA5D7EB)
YUV	202.3300, 16.1063, -32.7384
Hunter-Lab	79.1192, -14.8206, -10.3917

Details

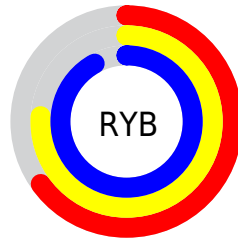
The Yxy color **62.5984, 0.2671, 0.3051** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.0327, 0.3729, 0.3516**, and the grayscale version is **59.1887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.7758, 0.2563, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **56.9677, 0.2527, 0.2957**, and if you desaturate by 10%, it is **68.8366, 0.2822, 0.3139**.

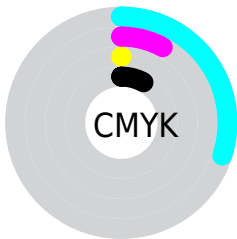
Distribution



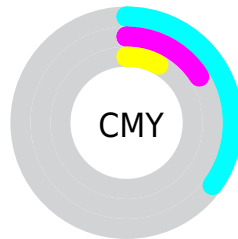
- Red (65%)
- Green (84%)
- Blue (92%)



- Red (65%)
- Yellow (76%)
- Blue (92%)



- Cyan (30%)
- Magenta (8%)
- Yellow (0%)
- Black (8%)





- Cyan (35%)
- Magenta (16%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5984, 0.2671, 0.3051 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 62.5984, 0.2671, 0.3051 by changing the saturation by 10% instead.

 62.5984, 0.2671,
0.3051

 62.5984, 0.2671,
0.3051

434.1105, 0.2884,
0.3167

 45.5164, 0.2622,
0.3023


 108.5899, 0.2745,
0.3092

 31.8644, 0.2561,
0.2988


 138.2682, 0.2774,
0.3108

 21.2579, 0.2484,
0.2942


172.9141, 0.2799,
0.3122

 13.3127, 0.2382,
0.2880

212.9119, 0.2820,
0.3133

 7.6442, 0.2244,
0.2793

258.6460, 0.2839,
0.3144

 3.8681, 0.2045,
0.2661

310.5009, 0.2856,

 1.6001, 0.1738,

0.3152

0.2441

368.8610, 0.2871,
0.3160

0.3577, 0.0297,
0.1844

0.0000, 0.0000,
0.0000

62.5984, 0.2671,
0.3051

62.5984, 0.2671,
0.3051

56.9677, 0.2527,
0.2957

68.8366, 0.2822,
0.3139

51.9099, 0.2393,
0.2857

75.6998, 0.2976,
0.3219

47.3980, 0.2274,
0.2752

83.2140, 0.3130,
0.3291

43.3994, 0.2171,
0.2645

90.6463, 0.3256,
0.3357

■ 39.8768, 0.2087,
0.2536

■ 94.7021, 0.3250,
0.3422

■ 36.7863, 0.2024,
0.2428

■ 98.7768, 0.3244,
0.3483

■ 34.0560, 0.1979,
0.2321

■ 34.0040, 0.1978,
0.2319

Harmonies

Analogous

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



62.5984, 0.2729, 0.3256



62.5984, 0.2671, 0.3051



62.5984, 0.2729, 0.2921

Triad

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



62.5984, 0.2671, 0.3051



62.5984, 0.3360, 0.3107



62.5984, 0.3357, 0.3717

Complementary

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



62.5984, 0.2671, 0.3051



55.0327, 0.3729, 0.3516

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.



62.5984, 0.3536, 0.3657



62.5984, 0.2671, 0.3051



62.5984, 0.3541, 0.3302

Square

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



62.5984, 0.2671, 0.3051



62.5984, 0.3120, 0.2959



62.5984, 0.3606, 0.3502



62.5984, 0.3120, 0.3655

Rectangle

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



62.5984, 0.2671, 0.3051



62.5984, 0.2826, 0.2890



62.5984, 0.3606, 0.3502



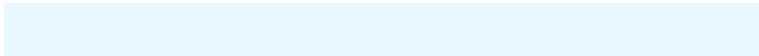
62.5984, 0.3426, 0.3710

Sweetspot

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



62.6009, 0.2671, 0.3051



91.8015, 0.2987, 0.3225



70.8914, 0.2973, 0.3907



19.3786, 0.2965, 0.3213



0.0000, 0.0000, 0.0000



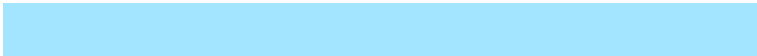
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6009, 0.2671, 0.3051



70.9753, 0.2578, 0.2992



46.6826, 0.2622, 0.2613



16.3542, 0.2981, 0.3221



19.1571, 0.1982, 0.2336



1.6668, 0.2023, 0.2484

Inverse Universe

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



49.4576, 0.3329, 0.2746



53.1734, 0.3385, 0.2628



71.4569, 0.3621, 0.3886



15.2363, 0.3181, 0.3123



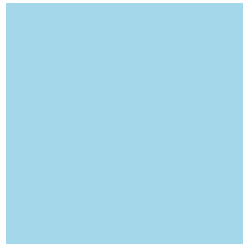
11.4267, 0.4088, 0.2026



0.9137, 0.3938, 0.1943

Previews

White Background



This preview shows how the Yxy color 62.5984, 0.2671, 0.3051 looks on a white background.

Color Contrast Check

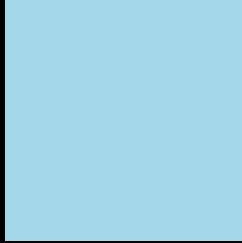
Large Text (above 18pt) WCAG AA × Fail

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 62.5984, 0.2671, 0.3051 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 62.5984, 0.2671, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 62.5984, 0.2671, 0.3051.



This preview shows how white text looks on a background with the Yxy color 62.5984, 0.2671, 0.3051.

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

62.5984, 0.2671, 0.3051

Protanopia

62.1572, 0.2956, 0.3018

Deuteranopia

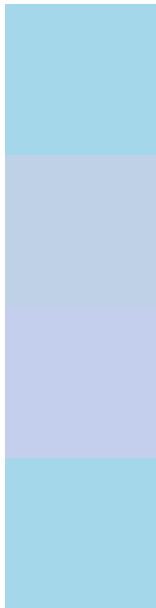
62.4112, 0.2953, 0.2894



Tritanopia

62.3766, 0.2676, 0.3073

Trichromacy



Original Color

62.5984, 0.2671, 0.3051

Protanomaly

62.3176, 0.2847, 0.3035

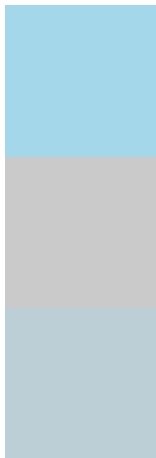
Deuteranomaly

62.3422, 0.2843, 0.2949

Tritanomaly

62.4339, 0.2671, 0.3062

Monochromacy



Original Color

62.5984, 0.2671, 0.3051

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.2995, 0.2948, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5984, 0.2671, 0.3051 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(165, 215, 235)` looks like.

```
.text, #text, p{  
    color:rgb(165, 215, 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(165, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 215, 235) }
```

Border

The CSS property to change the border of an element to Yxy 62.5984, 0.2671, 0.3051 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(165, 215, 235) }
```

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

```
.border{ border-color:rgb(165, 215, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 215, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 215, 235); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 215, 235); box-shadow:4px 4px 4px 4px rgb(165, 215, 235) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5984, 0.2671, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 215, 235) }
```

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

```
.background{ background-color: rgb(165,  
215, 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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