

Converting Colors

$Yxy(62.5754, 0.2667, 0.3022)$

Have a look what the booklet for
Yxy(62.5754, 0.2667, 0.3022)
contains.

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Color

Yxy(62.3146, 0.2665, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	A6D6ED
RGB	166, 214, 237
RGB Percent	65%, 84%, 93%
CMY	0.3489, 0.1608, 0.0706
CMYK	0.30, 0.10, 0.00, 0.07
HSL	199°, 66%, 79%
HSV	199°, 30%, 93%
XYZ	55.0625, 62.3146, 89.2363
YIQ	202.2700, -35.9910, -3.0230

Conversions

Conversions Part 2

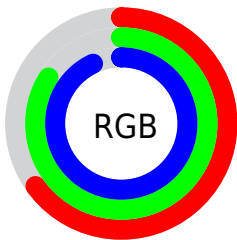
Format	Color
RYB	166, 195, 237
Decimal	10933997
CIELab	83.08, -10.26, -16.34
CIElCh	83, 19.289, 237.877
Yxy	62.3146, 0.2665, 0.3016
Android (android.graphics.Color)	4289124077 (0xFFA6D6ED)
YUV	202.2700, 17.1219, -31.8088
Hunter-Lab	78.9396, -13.6358, -11.7660

Details

The Yxy color **62.3146, 0.2665, 0.3016** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.1645, 0.3724, 0.3547**, and the grayscale version is **59.1532, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2696, 0.2929, 0.3289**, and **31.5772, 0.2554, 0.2941** is the 20% darker color. If you saturate the color by 10%, you get **56.1910, 0.2518, 0.2908**, and if you desaturate by 10%, it is **69.0984, 0.2818, 0.3116**.

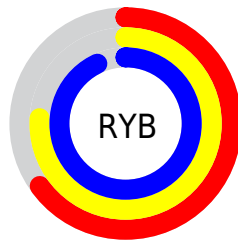
Distribution



Red (65%)

Green (84%)

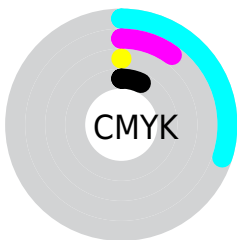
Blue (93%)



Red (65%)

Yellow (76%)

Blue (93%)

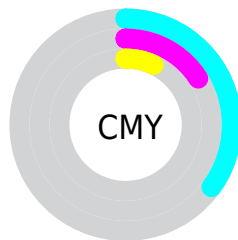


Cyan (30%)

Magenta (10%)

Yellow (0%)

Black (7%)



Cyan (35%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.3146, 0.2665, 0.3016 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 62.3146, 0.2665, 0.3016 by changing the saturation by 10% instead.

■ 62.3146, 0.2665,
0.3016

■ 62.3146, 0.2665,
0.3016

433.0777, 0.2881,
0.3149

■ 45.2870, 0.2615,
0.2984

■ 108.1801, 0.2740,
0.3063

■ 31.6835, 0.2554,
0.2944

■ 137.7867, 0.2770,
0.3081

■ 21.1199, 0.2475,
0.2893

172.3551, 0.2795,
0.3097

■ 13.2117, 0.2372,
0.2824

212.2697, 0.2817,
0.3110

■ 7.5745, 0.2232,
0.2726

257.9149, 0.2836,
0.3121

■ 3.8239, 0.2031,
0.2580

309.6750, 0.2853,

■ 1.5755, 0.1722,

0.3132

0.2340

367.9345, 0.2868,
0.3141

0.3410, 0.0362,
0.1672

0.0000, 0.0000,
0.0000

62.3146, 0.2665,
0.3016

62.3146, 0.2665,
0.3016

56.1910, 0.2518,
0.2908

69.0984, 0.2818,
0.3116

50.6916, 0.2379,
0.2793

76.5613, 0.2973,
0.3208

45.7880, 0.2254,
0.2673

84.7305, 0.3128,
0.3291

41.4458, 0.2146,
0.2549

92.5061, 0.3241,
0.3365

■ 37.6261, 0.2057,
0.2424

■ 97.2422, 0.3234,
0.3439

■ 34.2830, 0.1988,
0.2299

■ 98.8937, 0.3232,
0.3464

■ 31.3410, 0.1938,
0.2178

■ 31.3235, 0.1938,
0.2177

Harmonies

Analogous

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



62.3146, 0.2703, 0.3214



62.3146, 0.2665, 0.3016



62.3146, 0.2744, 0.2902

Triad

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



62.3146, 0.2665, 0.3016



62.3146, 0.3404, 0.3137



62.3146, 0.3319, 0.3723

Complementary

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



62.3146, 0.2665, 0.3016



57.1645, 0.3724, 0.3547

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.



62.3146, 0.3518, 0.3683



62.3146, 0.2665, 0.3016



62.3146, 0.3570, 0.3340

Square

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



62.3146, 0.2665, 0.3016



62.3146, 0.3165, 0.2976



62.3146, 0.3612, 0.3539



62.3146, 0.3075, 0.3637

Rectangle

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



62.3146, 0.2665, 0.3016



62.3146, 0.2855, 0.2882



62.3146, 0.3612, 0.3539



62.3146, 0.3394, 0.3723

Sweetspot

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



62.3171, 0.2665, 0.3016



91.2509, 0.2987, 0.3216



72.3253, 0.2959, 0.3880



19.2425, 0.2965, 0.3203



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.



62.3171, 0.2665, 0.3016



69.0155, 0.2573, 0.2950



46.4835, 0.2616, 0.2579



16.2512, 0.2981, 0.3212



17.3518, 0.1944, 0.2197



1.5359, 0.1991, 0.2366

Inverse Universe

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



50.1439, 0.3355, 0.2771



52.9756, 0.3416, 0.2662



74.0579, 0.3616, 0.3912



15.2259, 0.3187, 0.3132



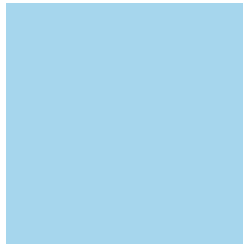
11.2445, 0.4236, 0.2107



0.9005, 0.4058, 0.2009

Previews

White Background



This preview shows how the Yxy color 62.3146, 0.2665, 0.3016 looks on a white background.

Color Contrast Check

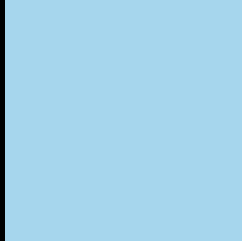
Large Text (above 18pt) WCAG AA × Fail

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 62.3146, 0.2665, 0.3016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

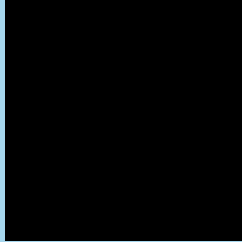
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.3146, 0.2665, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 62.3146, 0.2665, 0.3016.



This preview shows how white text looks on a background with the Yxy color 62.3146, 0.2665, 0.3016.

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

62.3146, 0.2665, 0.3016

Protanopia

62.1287, 0.2936, 0.2996

Deuteranopia

61.7662, 0.2926, 0.2860



Tritanopia

62.4264, 0.2688, 0.3085

Trichromacy



Original Color

62.3146, 0.2665, 0.3016

Protanomaly

61.9421, 0.2834, 0.3001

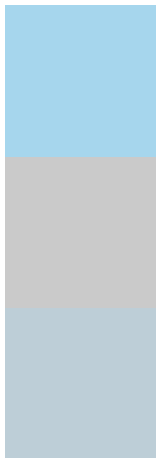
Deuteranomaly

61.8439, 0.2823, 0.2915

Tritanomaly

62.5407, 0.2677, 0.3062

Monochromacy



Original Color

62.3146, 0.2665, 0.3016

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8677, 0.2941, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3146, 0.2665, 0.3016 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(166, 214, 237)` looks like.

```
.text, #text, p{  
    color:rgb(166, 214, 237)  
}
```

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(166, 214, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 214, 237) }
```

Border

The CSS property to change the border of an element to Yxy 62.3146, 0.2665, 0.3016 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(166, 214, 237) }
```

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

```
.border{ border-color:rgb(166, 214, 237) }
```

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

Here you see how a box with a 4 pixel rgb(166, 214, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 214, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 214, 237);  
box-shadow:4px 4px 4px 4px rgb(166, 214,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3146, 0.2665, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 214, 237) }
```

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

```
.background{ background-color: rgb(166,  
214, 237) }
```

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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