

Converting Colors

$Yxy(62.6078, 0.2654, 0.3027)$

Have a look what the booklet for
Yxy(62.6078, 0.2654, 0.3027)
contains.

Yxy(62.6078, 0.2654, 0.3027)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.6078, 0.2654, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	A4D7ED
RGB	164, 215, 237
RGB Percent	64%, 84%, 93%
CMY	0.3570, 0.1568, 0.0705
CMYK	0.31, 0.09, 0.00, 0.07
HSL	198°, 67%, 79%
HSV	198°, 31%, 93%
XYZ	54.8930, 62.6078, 89.3304
YIQ	202.2590, -37.4580, -3.9700

Conversions

Conversions Part 2

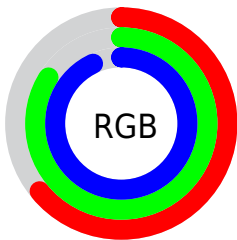
Format	Color
RYB	164, 194, 237
Decimal	10803181
CIELab	83.24, -11.35, -16.13
CIELCh	83, 19.729, 234.867
Yxy	62.6078, 0.2654, 0.3027
Android (android.graphics.Color)	4288993261 (0xFFA4D7ED)
YUV	202.2590, 17.1273, -33.5531
Hunter-Lab	79.1251, -14.6346, -11.5495

Details

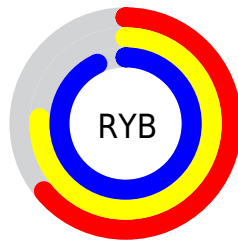
The Yxy color **62.6078, 0.2654, 0.3027** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7968, 0.3752, 0.3537**, and the grayscale version is **59.1390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.7928, 0.2542, 0.2956** is the 20% darker color. If you saturate the color by 10%, you get **56.7611, 0.2509, 0.2926**, and if you desaturate by 10%, it is **69.0881, 0.2805, 0.3121**.

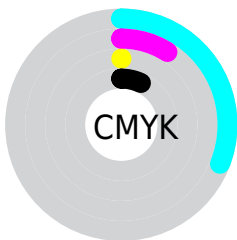
Distribution



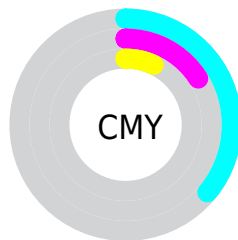
- Red (64%)
- Green (84%)
- Blue (93%)



- Red (64%)
- Yellow (76%)
- Blue (93%)



- Cyan (31%)
- Magenta (9%)
- Yellow (0%)
- Black (7%)



- Cyan (36%)
- Magenta (16%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6078, 0.2654, 0.3027 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 62.6078, 0.2654, 0.3027 by changing the saturation by 10% instead.

■ 62.6078, 0.2654,
0.3027

■ 62.6078, 0.2654,
0.3027

■ 434.1447, 0.2875,
0.3155

■ 45.5240, 0.2603,
0.2996

■ 108.6035, 0.2731,
0.3072

■ 31.8704, 0.2540,
0.2958

■ 138.2842, 0.2761,
0.3090

■ 21.2625, 0.2460,
0.2908

■ 172.9326, 0.2787,
0.3105

■ 13.3160, 0.2356,
0.2841

■ 212.9332, 0.2809,
0.3117

■ 7.6465, 0.2213,
0.2746

■ 258.6703, 0.2828,
0.3129

■ 3.8696, 0.2009,
0.2604

■ 310.5283, 0.2846,

■ 1.6009, 0.1696,

0.3138

368.8916, 0.2861,
0.3147

0.2369

0.3582, 0.0308,
0.1745

0.0000, 0.0000,
0.0000

62.6078, 0.2654,
0.3027

62.6078, 0.2654,
0.3027

56.7611, 0.2509,
0.2926

69.0881, 0.2805,
0.3121

51.5125, 0.2375,
0.2820

76.2208, 0.2960,
0.3206

46.8337, 0.2254,
0.2708

84.0326, 0.3114,
0.3284

42.6905, 0.2151,
0.2593

91.8239, 0.3242,
0.3354

■ 39.0440, 0.2067,
0.2478

■ 96.1960, 0.3236,
0.3423

■ 35.8482, 0.2004,
0.2363

■ 98.8959, 0.3232,
0.3463

■ 33.2442, 0.1961,
0.2259

Harmonies

Analogous

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



62.6078, 0.2705, 0.3235



62.6078, 0.2654, 0.3027



62.6078, 0.2723, 0.2901

Triad

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



62.6078, 0.2654, 0.3027



62.6078, 0.3388, 0.3115



62.6078, 0.3347, 0.3734

Complementary

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



62.6078, 0.2654, 0.3027



55.7968, 0.3752, 0.3537

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.



62.6078, 0.3541, 0.3680



62.6078, 0.2654, 0.3027



62.6078, 0.3568, 0.3319

Square

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



62.6078, 0.2654, 0.3027



62.6078, 0.3140, 0.2956



62.6078, 0.3624, 0.3525



62.6078, 0.3099, 0.3659

Rectangle

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



62.6078, 0.2654, 0.3027



62.6078, 0.2830, 0.2874



62.6078, 0.3624, 0.3525



62.6078, 0.3421, 0.3730

Sweetspot

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



62.6103, 0.2654, 0.3027



91.5710, 0.2987, 0.3221



72.0118, 0.2961, 0.3916



19.3216, 0.2965, 0.3209



0.0000, 0.0000, 0.0000



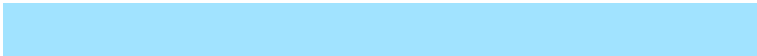
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6103, 0.2654, 0.3027



69.4638, 0.2562, 0.2964



46.0749, 0.2601, 0.2570



16.3111, 0.2981, 0.3217



18.3867, 0.1966, 0.2278



1.6112, 0.2010, 0.2435

Inverse Universe

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



49.4534, 0.3349, 0.2739



52.1499, 0.3408, 0.2624



73.1500, 0.3636, 0.3919



15.2320, 0.3184, 0.3127



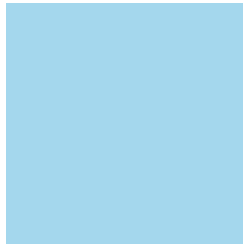
11.3490, 0.4149, 0.2059



0.9081, 0.3988, 0.1970

Previews

White Background



This preview shows how the Yxy color 62.6078, 0.2654, 0.3027 looks on a white background.

Color Contrast Check

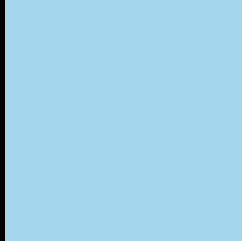
Large Text (above 18pt) WCAG AA × Fail

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 62.6078, 0.2654, 0.3027 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 62.6078, 0.2654, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 62.6078, 0.2654, 0.3027.

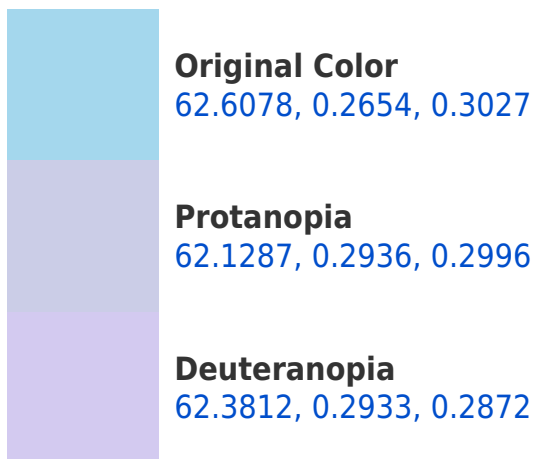


This preview shows how white text looks on a background with the Yxy color 62.6078, 0.2654, 0.3027.

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

62.7815, 0.2672, 0.3085

Trichromacy



Original Color

62.6078, 0.2654, 0.3027

Protanomaly

62.3029, 0.2828, 0.3012

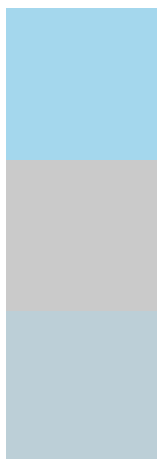
Deuteranomaly

62.3270, 0.2824, 0.2926

Tritanomaly

62.8388, 0.2666, 0.3074

Monochromacy



Original Color

62.6078, 0.2654, 0.3027

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.2233, 0.2934, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6078, 0.2654, 0.3027 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(164, 215, 237)` looks like.

```
.text, #text, p{  
    color:rgb(164, 215, 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(164, 215, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 215, 237) }
```

Border

The CSS property to change the border of an element to Yxy 62.6078, 0.2654, 0.3027 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(164, 215, 237) }
```

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

```
.border{ border-color:rgb(164, 215, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 215, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 215, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 215, 237);  
box-shadow:4px 4px 4px 4px rgb(164, 215,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6078, 0.2654, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 215, 237) }
```

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

```
.background{ background-color: rgb(164,  
215, 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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