

Converting Colors

$Yxy(62.9180, 0.2741, 0.3076)$

Have a look what the booklet for
Yxy(62.9180, 0.2741, 0.3076)
contains.

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Color

Yxy(62.9180, 0.2741, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	AED6E8
RGB	174, 214, 232
RGB Percent	68%, 84%, 91%
CMY	0.3178, 0.1608, 0.0900
CMYK	0.25, 0.08, 0.00, 0.09
HSL	199°, 56%, 80%
HSV	199°, 25%, 91%
XYZ	56.0657, 62.9180, 85.5611
YIQ	204.0920, -29.6180, -2.8820

Conversions

Conversions Part 2

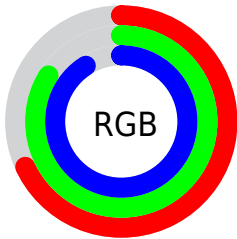
Format	Color
RYB	174, 198, 232
Decimal	11458280
CIELab	83.40, -9.11, -13.18
CIELCh	83, 16.025, 235.337
Yxy	62.9180, 0.2741, 0.3076
Android (android.graphics.Color)	4289648360 (0xFFAED6E8)
YUV	204.0920, 13.7586, -26.3907
Hunter-Lab	79.3209, -12.6438, -8.4298

Details

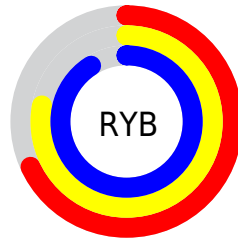
The Yxy color **62.9180, 0.2741, 0.3076** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.9145, 0.3607, 0.3494**, and the grayscale version is **60.3688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **31.9239, 0.2648, 0.3021** is the 20% darker color. If you saturate the color by 10%, you get **56.9158, 0.2592, 0.2976**, and if you desaturate by 10%, it is **69.5469, 0.2895, 0.3168**.

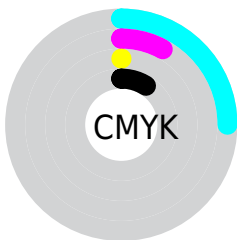
Distribution



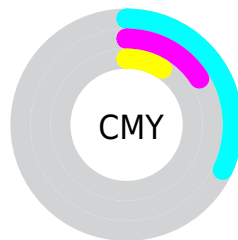
- Red (68%)
- Green (84%)
- Blue (91%)



- Red (68%)
- Yellow (78%)
- Blue (91%)



- Cyan (25%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (32%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.9180, 0.2741, 0.3076 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 62.9180, 0.2741, 0.3076 by changing the saturation by 10% instead.

■ 62.9180, 0.2741,
0.3076

■ 62.9180, 0.2741,
0.3076

435.2718, 0.2922,
0.3180

■ 45.7749, 0.2699,
0.3051

■ 109.0512, 0.2804,
0.3113

■ 32.0682, 0.2647,
0.3020

138.8101, 0.2829,
0.3127

■ 21.4136, 0.2581,
0.2980

173.5430, 0.2850,
0.3139

■ 13.4267, 0.2494,
0.2926

213.6343, 0.2868,
0.3149

■ 7.7230, 0.2375,
0.2849

259.4685, 0.2884,
0.3158

■ 3.9182, 0.2201,
0.2733

311.4298, 0.2898,

■ 1.6279, 0.1929,

0.3166

0.2539

369.9028, 0.2911,
0.3173

0.3763, 0.0715,
0.1990

0.0000, 0.0000,
0.0000

62.9180, 0.2741,
0.3076

62.9180, 0.2741,
0.3076

56.9158, 0.2592,
0.2976

69.5469, 0.2895,
0.3168

51.5068, 0.2450,
0.2870

76.8189, 0.3050,
0.3251

46.6659, 0.2320,
0.2757

84.7590, 0.3203,
0.3326

42.3624, 0.2205,
0.2641

91.0852, 0.3274,
0.3396

■ 38.5620, 0.2108,
0.2522

■ 95.4781, 0.3267,
0.3465

■ 35.2251, 0.2031,
0.2403

■ 98.6084, 0.3262,
0.3512

■ 32.3036, 0.1975,
0.2285

■ 30.9686, 0.1952,
0.2227

Harmonies

Analogous

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



62.9180, 0.2781, 0.3244



62.9180, 0.2741, 0.3076



62.9180, 0.2799, 0.2972

Triad

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



62.9180, 0.2741, 0.3076



62.9180, 0.3341, 0.3150



62.9180, 0.3304, 0.3648

Complementary

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



62.9180, 0.2741, 0.3076



57.9145, 0.3607, 0.3494

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.



62.9180, 0.3461, 0.3609



62.9180, 0.2741, 0.3076



62.9180, 0.3485, 0.3318

Square

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



62.9180, 0.2741, 0.3076



62.9180, 0.3142, 0.3019



62.9180, 0.3529, 0.3486



62.9180, 0.3102, 0.3585

Rectangle

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



62.9180, 0.2741, 0.3076



62.9180, 0.2888, 0.2950



62.9180, 0.3529, 0.3486



62.9180, 0.3364, 0.3646

Sweetspot

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



62.9205, 0.2741, 0.3076



92.3594, 0.3003, 0.3227



70.5084, 0.2991, 0.3782



19.4739, 0.2980, 0.3214



0.0000, 0.0000, 0.0000



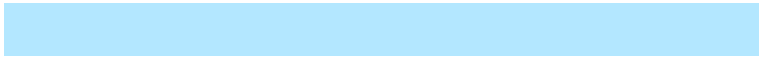
21.4041, 0.3127, 0.3290

Same Dimension

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



62.9205, 0.2741, 0.3076



74.0353, 0.2664, 0.3026



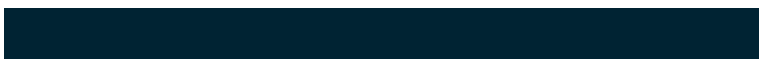
49.7644, 0.2710, 0.2725



15.5417, 0.2981, 0.3215



17.4202, 0.1957, 0.2246



1.4509, 0.2005, 0.2417

Inverse Universe

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



52.2767, 0.3303, 0.2851



59.0837, 0.3348, 0.2758



71.6263, 0.3533, 0.3798



14.5350, 0.3185, 0.3129



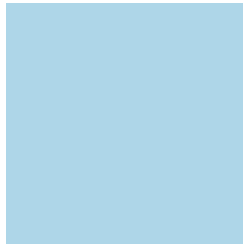
10.9563, 0.4183, 0.2078



0.8261, 0.4006, 0.1980

Previews

White Background



This preview shows how the Yxy color 62.9180, 0.2741, 0.3076 looks on a white background.

Color Contrast Check

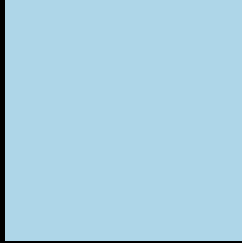
Large Text (above 18pt) WCAG AA × Fail

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 62.9180, 0.2741, 0.3076 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 62.9180, 0.2741, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 62.9180, 0.2741, 0.3076.



This preview shows how white text looks on a background with the Yxy color 62.9180, 0.2741, 0.3076.

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

62.9180, 0.2741, 0.3076

Protanopia

62.6678, 0.2976, 0.3052

Deuteranopia

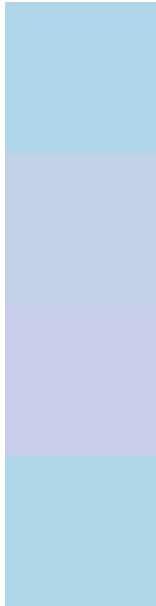
62.6863, 0.2995, 0.2927



Tritanopia

62.8613, 0.2747, 0.3088

Trichromacy



Original Color

62.9180, 0.2741, 0.3076

Protanomaly

62.7274, 0.2887, 0.3059

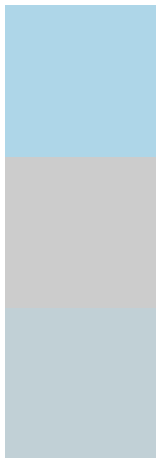
Deuteranomaly

62.3625, 0.2895, 0.2973

Tritanomaly

62.8613, 0.2747, 0.3088

Monochromacy



Original Color

62.9180, 0.2741, 0.3076

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3042, 0.2976, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.9180, 0.2741, 0.3076 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(174, 214, 232)` looks like.

```
.text, #text, p{  
    color:rgb(174, 214, 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(174, 214, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 214, 232) }
```

Border

The CSS property to change the border of an element to Yxy 62.9180, 0.2741, 0.3076 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(174, 214, 232) }
```

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

```
.border{ border-color:rgb(174, 214, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 214, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 214, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 214, 232);  
box-shadow:4px 4px 4px 4px rgb(174, 214,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 62.9180, 0.2741, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 214, 232) }
```

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

```
.background{ background-color: rgb(174,  
214, 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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