

Converting Colors

$Yxy(62.6021, 0.2723, 0.3168)$

Have a look what the booklet for
Yxy(62.6021, 0.2723, 0.3168)
contains.

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Color

Yxy(62.6021, 0.2723, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	A5D8E2
RGB	165, 216, 226
RGB Percent	65%, 85%, 89%
CMY	0.3527, 0.1530, 0.1137
CMYK	0.27, 0.04, 0.00, 0.11
HSL	190°, 51%, 77%
HSV	190°, 27%, 89%
XYZ	53.8086, 62.6021, 81.1970
YIQ	201.8910, -33.6060, -7.7020

Conversions

Conversions Part 2

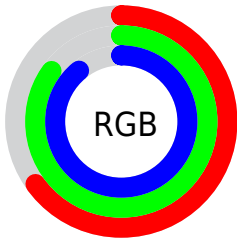
Format	Color
RYB	165, 193, 226
Decimal	10868962
CIELab	83.23, -14.10, -10.28
CIElCh	83, 17.448, 216.082
Yxy	62.6021, 0.2723, 0.3168
Android (android.graphics.Color)	4289059042 (0xFFA5D8E2)
YUV	201.8910, 11.8857, -32.3534
Hunter-Lab	79.1215, -17.0692, -5.4602

Details

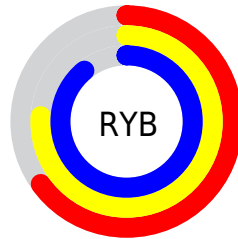
The Yxy color **62.6021, 0.2723, 0.3168** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.5718, 0.3678, 0.3408**, and the grayscale version is **58.9393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1122, 0.2923, 0.3289**, and **31.8095, 0.2620, 0.3127** is the 20% darker color. If you saturate the color by 10%, you get **58.5106, 0.2587, 0.3116**, and if you desaturate by 10%, it is **67.1698, 0.2868, 0.3217**.

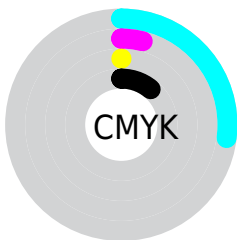
Distribution



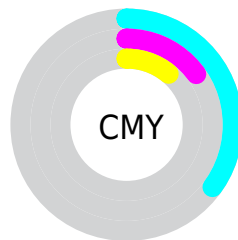
- Red (65%)
- Green (85%)
- Blue (89%)



- Red (65%)
- Yellow (76%)
- Blue (89%)



- Cyan (27%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)





- Cyan (35%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6021, 0.2723, 0.3168 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 62.6021, 0.2723, 0.3168 by changing the saturation by 10% instead.

 62.6021, 0.2723,
0.3168

 62.6021, 0.2723,
0.3168


434.1240, 0.2913,
0.3229

 45.5194, 0.2679,
0.3153


 108.5953, 0.2789,
0.3190

 31.8667, 0.2625,
0.3134


 138.2745, 0.2815,
0.3198

 21.2597, 0.2555,
0.3109

172.9214, 0.2837,
0.3205

 13.3140, 0.2464,
0.3074

212.9203, 0.2856,
0.3211

 7.6451, 0.2338,
0.3024

258.6556, 0.2873,
0.3217

 3.8687, 0.2155,
0.2944

310.5117, 0.2888,

 1.6004, 0.1867,

0.3221

368.8730, 0.2901,
0.3225

0.2805

0.3579, 0.0000,
0.2429

0.0000, 0.0000,
0.0000

62.6021, 0.2723,
0.3168

62.6021, 0.2723,
0.3168

58.5106, 0.2587,
0.3116

67.1698, 0.2868,
0.3217

54.8650, 0.2463,
0.3061

72.2273, 0.3020,
0.3261

51.6428, 0.2355,
0.3004

77.7970, 0.3174,
0.3302

48.8166, 0.2264,
0.2945

83.8107, 0.3326,
0.3339

■ 46.3552, 0.2192,
0.2886

■ 85.9079, 0.3322,
0.3375

■ 44.2222, 0.2140,
0.2827

■ 88.0495, 0.3317,
0.3411

■ 42.3703, 0.2106,
0.2769

■ 90.2356, 0.3313,
0.3447

■ 41.8401, 0.2098,
0.2751

■ 92.4666, 0.3308,
0.3483

■ 94.7426, 0.3304,
0.3519

Harmonies

Analogous

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



62.6021, 0.2832, 0.3374



62.6021, 0.2723, 0.3168



62.6021, 0.2718, 0.3006

Triad

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



62.6021, 0.2723, 0.3168



62.6021, 0.3224, 0.3039



62.6021, 0.3439, 0.3665

Complementary

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



62.6021, 0.2723, 0.3168



49.5718, 0.3678, 0.3408

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.



62.6021, 0.3553, 0.3558



62.6021, 0.2723, 0.3168



62.6021, 0.3427, 0.3200

Square

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



62.6021, 0.2723, 0.3168



62.6021, 0.3001, 0.2940



62.6021, 0.3549, 0.3388



62.6021, 0.3243, 0.3670

Rectangle

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



62.6021, 0.2723, 0.3168



62.6021, 0.2773, 0.2942



62.6021, 0.3549, 0.3388



62.6021, 0.3488, 0.3640

Sweetspot

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



62.6046, 0.2723, 0.3168



94.2157, 0.3003, 0.3257



65.4613, 0.3036, 0.3944



19.9437, 0.2980, 0.3250



0.0000, 0.0000, 0.0000



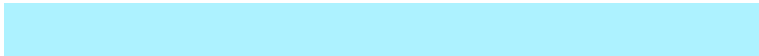
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6046, 0.2723, 0.3168



79.4178, 0.2650, 0.3141



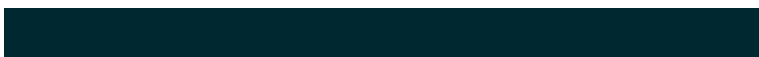
48.7775, 0.2686, 0.2794



15.1691, 0.2982, 0.3251



24.0192, 0.2100, 0.2760



1.7683, 0.2125, 0.2850

Inverse Universe

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



48.0571, 0.3242, 0.2723



57.6877, 0.3269, 0.2611



62.3919, 0.3592, 0.3740



13.8950, 0.3163, 0.3096



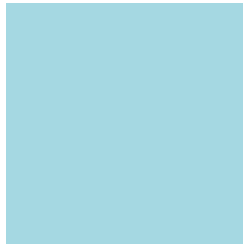
11.3328, 0.3671, 0.1796



0.7960, 0.3588, 0.1750

Previews

White Background



This preview shows how the Yxy color 62.6021, 0.2723, 0.3168 looks on a white background.

Color Contrast Check

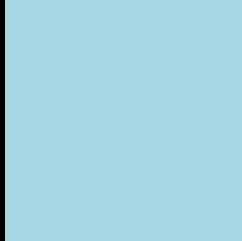
Large Text (above 18pt) WCAG AA × Fail

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 62.6021, 0.2723, 0.3168 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

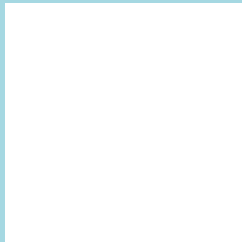
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6021, 0.2723, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 62.6021, 0.2723, 0.3168.



This preview shows how white text looks on a background with the Yxy color 62.6021, 0.2723, 0.3168.

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

62.6021, 0.2723, 0.3168

Protanopia

62.0953, 0.3038, 0.3119

Deuteranopia

62.0294, 0.3044, 0.2980



Tritanopia

62.5341, 0.2694, 0.3086

Trichromacy



Original Color

62.6021, 0.2723, 0.3168

Protanomaly

62.0813, 0.2918, 0.3138

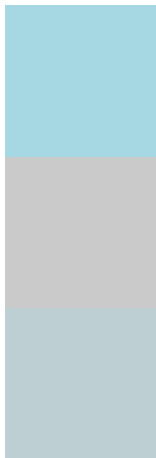
Deuteranomaly

61.6144, 0.2913, 0.3037

Tritanomaly

62.4210, 0.2705, 0.3109

Monochromacy



Original Color

62.6021, 0.2723, 0.3168

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.1476, 0.2967, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6021, 0.2723, 0.3168 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, 216, 226)` looks like.

```
.text, #text, p{  
    color:rgb(165, 216, 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(165, 216, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 216, 226) }
```

Border

The CSS property to change the border of an element to Yxy 62.6021, 0.2723, 0.3168 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, 216, 226) }
```

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

```
.border{ border-color:rgb(165, 216, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 216, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 216, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 216, 226);  
box-shadow:4px 4px 4px 4px rgb(165, 216,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6021, 0.2723, 0.3168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 216, 226) }
```

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

```
.background{ background-color: rgb(165,  
216, 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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