

Converting Colors

Yxy(62.1629, 0.2949, 0.3219)

Have a look what the booklet for
Yxy(62.1629, 0.2949, 0.3219)
contains.

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Color

Yxy(62.1274, 0.2949, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	BFD2D8
RGB	191, 210, 216
RGB Percent	75%, 82%, 85%
CMY	0.2512, 0.1764, 0.1529
CMYK	0.12, 0.03, 0.00, 0.15
HSL	194°, 24%, 80%
HSV	194°, 12%, 85%
XYZ	56.9163, 62.1274, 73.9584
YIQ	205.0030, -13.2500, -2.1620

Conversions

Conversions Part 2

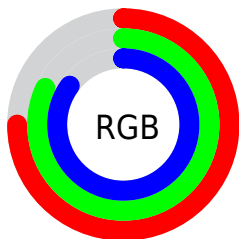
Format	Color
R_{YB}	191, 202, 216
Decimal	12571352
CIE Lab	82.98, -5.20, -5.15
CIE LCh	83, 7.321, 224.716
Yxy	62.1274, 0.2949, 0.3219
Android (android.graphics.Color)	4290761432 (0xFFBFD2D8)
YUV	205.0030, 5.4215, -12.2806
Hunter-Lab	78.8209, -9.0424, -0.4577

Details

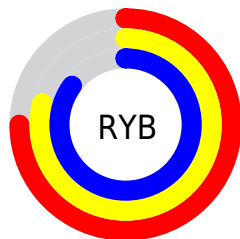
The Yxy color **62.1274, 0.2949, 0.3219** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2575, 0.3326, 0.3360**, and the grayscale version is **61.0195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **31.6685, 0.2904, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **57.0281, 0.2798, 0.3151**, and if you desaturate by 10%, it is **67.7270, 0.3103, 0.3281**.

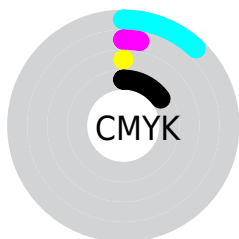
Distribution



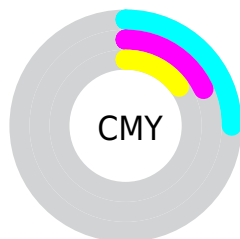
- Red (75%)
- Green (82%)
- Blue (85%)



- Red (75%)
- Yellow (79%)
- Blue (85%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1274, 0.2949, 0.3219 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 62.1274, 0.2949, 0.3219 by changing the saturation by 10% instead.

■ 62.1274, 0.2949,
0.3219

■ 62.1274, 0.2949,
0.3219

432.3957, 0.3033,
0.3253

■ 45.1356, 0.2929,
0.3211

■ 107.9096, 0.2979,
0.3231

■ 31.5643, 0.2904,
0.3200

137.4689, 0.2990,
0.3236

■ 21.0289, 0.2873,
0.3187

171.9862, 0.3000,
0.3240

■ 13.1451, 0.2830,
0.3168

211.8458, 0.3008,
0.3243

■ 7.5286, 0.2771,
0.3142

257.4321, 0.3016,
0.3246

■ 3.7948, 0.2683,
0.3102

309.1296, 0.3022,

■ 1.5595, 0.2537,

0.3249

367.3227, 0.3028,
0.3251

0.3032

0.3300, 0.1510,
0.2670

0.0000, 0.0000,
0.0000

62.1274, 0.2949,
0.3219

62.1274, 0.2949,
0.3219

57.0281, 0.2798,
0.3151

67.7270, 0.3103,
0.3281

52.4024, 0.2652,
0.3078

73.8366, 0.3256,
0.3336

48.2328, 0.2514,
0.2999

80.3342, 0.3401,
0.3386

44.4976, 0.2389,
0.2916

83.1728, 0.3393,
0.3437

■ 41.1730, 0.2278,
0.2830

■ 86.0965, 0.3386,
0.3488

■ 38.2324, 0.2185,
0.2742

■ 89.1059, 0.3378,
0.3538

■ 35.6455, 0.2112,
0.2653

■ 92.2018, 0.3370,
0.3587

■ 33.3761, 0.2058,
0.2564

■ 95.3848, 0.3363,
0.3636

■ 31.6640, 0.2025,
0.2491

■ 97.7380, 0.3358,
0.3671

Harmonies

Analogous

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



62.1274, 0.2984, 0.3302



62.1274, 0.2949, 0.3219



62.1274, 0.2960, 0.3157

Triad

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



62.1274, 0.2949, 0.3219



62.1274, 0.3195, 0.3200



62.1274, 0.3238, 0.3452

Complementary

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



62.1274, 0.2949, 0.3219



58.2575, 0.3326, 0.3360

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.



62.1274, 0.3296, 0.3422



62.1274, 0.2949, 0.3219



62.1274, 0.3272, 0.3276

Square

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



62.1274, 0.2949, 0.3219



62.1274, 0.3102, 0.3148



62.1274, 0.3309, 0.3357



62.1274, 0.3151, 0.3438

Rectangle

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



62.1274, 0.2949, 0.3219



62.1274, 0.2993, 0.3136



62.1274, 0.3309, 0.3357



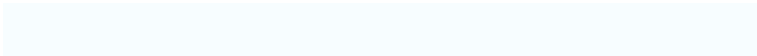
62.1274, 0.3262, 0.3446

Sweetspot

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



62.1300, 0.2949, 0.3219



97.4181, 0.3081, 0.3272



64.2037, 0.3074, 0.3520



20.7062, 0.3068, 0.3267



0.0000, 0.0000, 0.0000



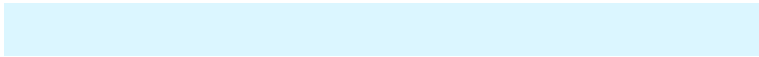
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1300, 0.2949, 0.3219



88.5286, 0.2910, 0.3202



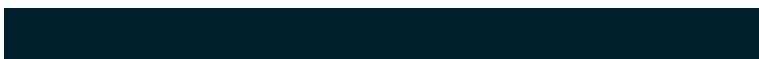
56.2444, 0.2946, 0.3070



13.5820, 0.2982, 0.3233



18.9158, 0.2029, 0.2504



1.2647, 0.2071, 0.2656

Inverse Universe

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



56.4905, 0.3186, 0.3072



78.7629, 0.3200, 0.3023



64.1166, 0.3309, 0.3501



12.5796, 0.3174, 0.3114



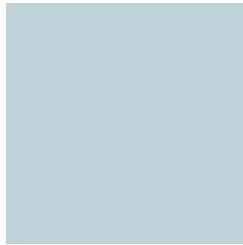
10.2544, 0.3918, 0.1932



0.6310, 0.3770, 0.1851

Previews

White Background



This preview shows how the Yxy color 62.1274, 0.2949, 0.3219 looks on a white background.

Color Contrast Check

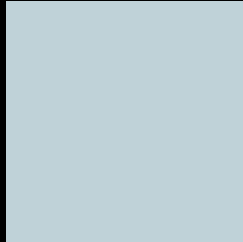
Large Text (above 18pt) WCAG AA × Fail

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 62.1274, 0.2949, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

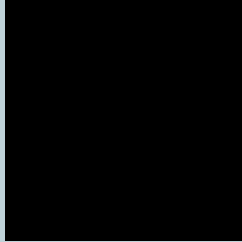
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

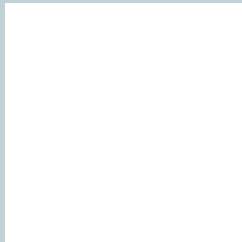
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.1274, 0.2949, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 62.1274, 0.2949, 0.3219.



This preview shows how white text looks on a background with the Yxy color 62.1274, 0.2949, 0.3219.

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

62.1274, 0.2949, 0.3219

Protanopia

61.8766, 0.3094, 0.3198

Deuteranopia

61.7427, 0.3160, 0.3090



Tritanopia

62.3746, 0.2905, 0.3104

Trichromacy



Original Color

62.1274, 0.2949, 0.3219

Protanomaly

62.0372, 0.3042, 0.3209

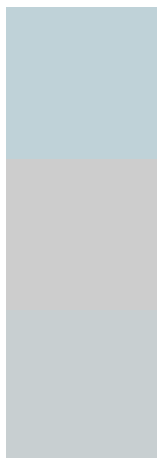
Deuteranomaly

61.8971, 0.3081, 0.3142

Tritanomaly

62.0813, 0.2918, 0.3138

Monochromacy



Original Color

62.1274, 0.2949, 0.3219

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.5085, 0.3061, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1274, 0.2949, 0.3219 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(191, 210, 216)` looks like.

```
.text, #text, p{  
    color:rgb(191, 210, 216)  
}
```

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(191, 210, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 210, 216) }
```

Border

The CSS property to change the border of an element to Yxy 62.1274, 0.2949, 0.3219 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(191, 210, 216) }
```

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

```
.border{ border-color:rgb(191, 210, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 210, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 210, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 210, 216);  
box-shadow:4px 4px 4px 4px rgb(191, 210,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1274, 0.2949, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 210, 216) }
```

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

```
.background{ background-color: rgb(191,  
210, 216) }
```

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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