

Converting Colors

$Yxy(61.2238, 0.3021, 0.3374)$

Have a look what the booklet for
Yxy(61.2238, 0.3021, 0.3374)
contains.

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Color

Yxy(61.2238, 0.3021, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	BDD2CB
RGB	189, 210, 203
RGB Percent	74%, 82%, 80%
CMY	0.2586, 0.1765, 0.2040
CMYK	0.10, 0.00, 0.03, 0.18
HSL	160°, 19%, 78%
HSV	160°, 10%, 82%
XYZ	54.8183, 61.2238, 65.4155
YIQ	202.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

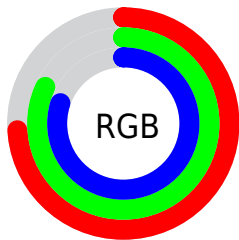
Format	Color
RYB	189, 202, 210
Decimal	12440267
CIELab	82.50, -8.37, 1.07
CIELCh	82, 8.435, 172.743
Yxy	61.2238, 0.3021, 0.3374
Android (android.graphics.Color)	4290630347 (0xFFBDD2CB)
YUV	202.9230, 0.0380, -12.2105
Hunter-Lab	78.2456, -11.8740, 5.2039

Details

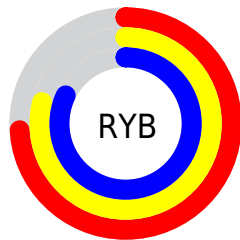
The Yxy color **61.2238, 0.3021, 0.3374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1035, 0.3246, 0.3208**, and the grayscale version is **59.6797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1525, 0.3066, 0.3290**, and **31.1811, 0.2997, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **58.4040, 0.2919, 0.3467**, and if you desaturate by 10%, it is **64.4528, 0.3127, 0.3290**.

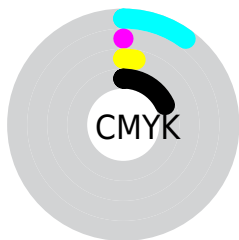
Distribution



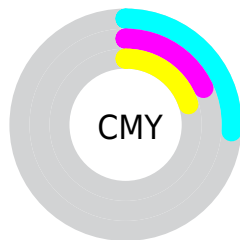
- Red (74%)
- Green (82%)
- Blue (80%)



- Red (74%)
- Yellow (79%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)




- Cyan (26%)
- Magenta (18%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.2238, 0.3021, 0.3374 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 61.2238, 0.3021, 0.3374 by changing the saturation by 10% instead.

 61.2238, 0.3021,
0.3374

 61.2238, 0.3021,
0.3374


429.0941, 0.3072,
0.3334

 44.4058, 0.3009,
0.3384


 106.6029, 0.3039,
0.3360

 30.9897, 0.2994,
0.3396


135.9328, 0.3046,
0.3354

 20.5910, 0.2974,
0.3411


170.2022, 0.3052,
0.3350

 12.8254, 0.2948,
0.3432

209.7953, 0.3057,
0.3346

 7.3084, 0.2911,
0.3462

255.0967, 0.3061,
0.3342

 3.6557, 0.2854,
0.3507

306.4907, 0.3065,

 1.4829, 0.2758,

0.3339

0.3586

364.3617, 0.3069,
0.3336

0.2766, 0.1044,
0.4922

0.0000, 0.0000,
0.0000

61.2238, 0.3021,
0.3374

61.2238, 0.3021,
0.3374

58.4040, 0.2919,
0.3467

64.4528, 0.3127,
0.3290

55.9689, 0.2823,
0.3569

68.0991, 0.3236,
0.3215

53.9029, 0.2737,
0.3680

72.1802, 0.3343,
0.3148

52.1867, 0.2663,
0.3798

73.1263, 0.3315,
0.3079

■ 50.7987, 0.2606,
0.3921

■ 73.5318, 0.3265,
0.3010

■ 49.7154, 0.2566,
0.4049

■ 73.9535, 0.3215,
0.2943

■ 48.9096, 0.2547,
0.4178

■ 74.3915, 0.3167,
0.2877

■ 48.3493, 0.2548,
0.4306

■ 74.5710, 0.3148,
0.2851

■ 47.9761, 0.2565,
0.4433

Harmonies

Analogous

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



61.2238, 0.3125, 0.3449



61.2238, 0.3021, 0.3374



61.2238, 0.2946, 0.3277

Triad

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



61.2238, 0.3021, 0.3374



61.2238, 0.3022, 0.3108



61.2238, 0.3340, 0.3390

Complementary

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



61.2238, 0.3021, 0.3374



54.1035, 0.3246, 0.3208

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.



61.2238, 0.3311, 0.3299



61.2238, 0.3021, 0.3374



61.2238, 0.3127, 0.3138

Square

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



61.2238, 0.3021, 0.3374



61.2238, 0.2947, 0.3124



61.2238, 0.3233, 0.3208



61.2238, 0.3310, 0.3456

Rectangle

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



61.2238, 0.3021, 0.3374



61.2238, 0.2922, 0.3213



61.2238, 0.3233, 0.3208



61.2238, 0.3337, 0.3361

Sweetspot

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



61.2264, 0.3021, 0.3374



98.4140, 0.3095, 0.3315



61.5535, 0.3170, 0.3542



20.9761, 0.3086, 0.3321



0.0000, 0.0000, 0.0000



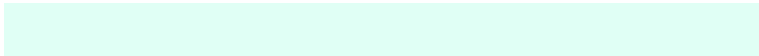
21.4041, 0.3127, 0.3290

Same Dimension

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



61.2264, 0.3021, 0.3374



94.0089, 0.2998, 0.3393



60.0318, 0.2974, 0.3252



13.3370, 0.3027, 0.3369



29.2850, 0.2560, 0.4414



1.6519, 0.2495, 0.4182

Inverse Universe

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



54.1035, 0.3246, 0.3208



80.7642, 0.3275, 0.3189



55.1586, 0.3298, 0.3328



11.8726, 0.3239, 0.3212



8.6467, 0.5618, 0.2869



0.4981, 0.5097, 0.2582

Previews

White Background



This preview shows how the Yxy color 61.2238, 0.3021, 0.3374 looks on a white background.

Color Contrast Check

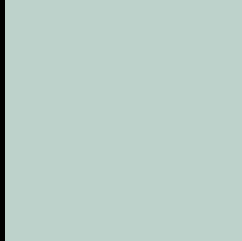
Large Text (above 18pt) WCAG AA × Fail

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 61.2238, 0.3021, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

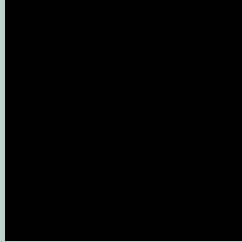
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

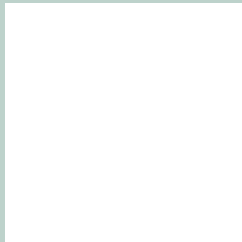
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.2238, 0.3021, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 61.2238, 0.3021, 0.3374.



This preview shows how white text looks on a background with the Yxy color 61.2238, 0.3021, 0.3374.

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

61.2238, 0.3021, 0.3374

Protanopia

61.0575, 0.3202, 0.3337

Deuteranopia

60.6432, 0.3282, 0.3212



Tritanopia

61.2908, 0.2917, 0.3103

Trichromacy



Original Color

61.2238, 0.3021, 0.3374

Protanomaly

60.9162, 0.3132, 0.3349

Deuteranomaly

60.4496, 0.3182, 0.3267

Tritanomaly

61.2761, 0.2956, 0.3195

Monochromacy



Original Color

61.2238, 0.3021, 0.3374

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4602, 0.3088, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2238, 0.3021, 0.3374 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(189, 210, 203)` looks like.

```
.text, #text, p{  
    color:rgb(189, 210, 203)  
}
```

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(189, 210, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 210, 203) }
```

Border

The CSS property to change the border of an element to Yxy 61.2238, 0.3021, 0.3374 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(189, 210, 203) }
```

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

```
.border{ border-color:rgb(189, 210, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 210, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 210, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 210, 203);  
box-shadow:4px 4px 4px 4px rgb(189, 210,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2238, 0.3021, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 210, 203) }
```

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

```
.background{ background-color: rgb(189,  
210, 203) }
```

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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