

Converting Colors

Yxy(61.6586, 0.3032, 0.3471)

Have a look what the booklet for
Yxy(61.6586, 0.3032, 0.3471)
contains.

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Color

Yxy(61.4325, 0.3031, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	B9D4C5
RGB	185, 212, 197
RGB Percent	73%, 83%, 77%
CMY	0.2746, 0.1686, 0.2273
CMYK	0.13, 0.00, 0.07, 0.17
HSL	147°, 24%, 78%
HSV	147°, 13%, 83%
XYZ	53.6296, 61.4325, 61.8748
YIQ	202.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

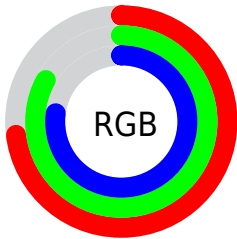
Format	Color
RYB	185, 204, 212
Decimal	12178629
CIELab	82.61, -11.88, 4.36
CIELCh	83, 12.654, 159.848
Yxy	61.4325, 0.3031, 0.3472
Android (android.graphics.Color)	4290368709 (0xFFB9D4C5)
YUV	202.2170, -2.5720, -15.0993
Hunter-Lab	78.3789, -15.0271, 8.0598

Details

The Yxy color **61.4325, 0.3031, 0.3472** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8583, 0.3236, 0.3115**, and the grayscale version is **59.2281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3765, 0.3047, 0.3300**, and **31.0026, 0.3011, 0.3519** is the 20% darker color. If you saturate the color by 10%, you get **58.4744, 0.2958, 0.3634**, and if you desaturate by 10%, it is **64.8309, 0.3106, 0.3327**.

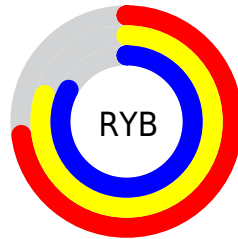
Distribution



Red (73%)

Green (83%)

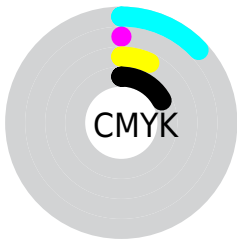
Blue (77%)



Red (73%)

Yellow (80%)

Blue (83%)

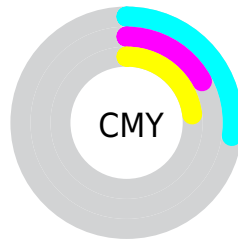


Cyan (13%)

Magenta (0%)

Yellow (7%)

Black (17%)



Cyan (27%)


Magenta (17%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4325, 0.3031, 0.3472 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 61.4325, 0.3031, 0.3472 by changing the saturation by 10% instead.


 61.4325, 0.3031,
0.3472

 61.4325, 0.3031,
0.3472


429.8580, 0.3077,
0.3384

 44.5743, 0.3020,
0.3493


 106.9049, 0.3048,
0.3441

 31.1223, 0.3006,
0.3520


136.2879, 0.3054,
0.3429

 20.6920, 0.2987,
0.3555


170.6147, 0.3059,
0.3419

 12.8990, 0.2963,
0.3602

210.2695, 0.3064,
0.3410

 7.3590, 0.2927,
0.3669

255.6369, 0.3068,
0.3402

 3.6876, 0.2872,
0.3774

307.1012, 0.3072,

 1.5004, 0.2776,

0.3395

365.0467, 0.3075,
0.3389

0.3958

0.2890, 0.0000,
0.9669

0.0000, 0.0000,
0.0000

61.4325, 0.3031,
0.3472

61.4325, 0.3031,
0.3472

58.4744, 0.2958,
0.3634

64.8309, 0.3106,
0.3327

55.9305, 0.2890,
0.3813

68.6790, 0.3182,
0.3198

53.7839, 0.2830,
0.4007

72.9956, 0.3257,
0.3085

52.0131, 0.2781,
0.4213

74.8825, 0.3222,
0.2974

■ 50.5950, 0.2747,
0.4429

■ 75.5696, 0.3147,
0.2871

■ 49.5035, 0.2730,
0.4647

■ 48.7088, 0.2732,
0.4861

■ 48.1750, 0.2754,
0.5063

■ 47.9076, 0.2778,
0.5201

Harmonies

Analogous

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



61.4325, 0.3193, 0.3559



61.4325, 0.3031, 0.3472



61.4325, 0.2897, 0.3333

Triad

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



61.4325, 0.3031, 0.3472



61.4325, 0.2914, 0.3020



61.4325, 0.3439, 0.3381

Complementary

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



61.4325, 0.3031, 0.3472



52.8583, 0.3236, 0.3115

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.



61.4325, 0.3361, 0.3242



61.4325, 0.3031, 0.3472



61.4325, 0.3055, 0.3037

Square

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



61.4325, 0.3031, 0.3472



61.4325, 0.2831, 0.3072



61.4325, 0.3219, 0.3118



61.4325, 0.3431, 0.3501

Rectangle

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



61.4325, 0.3031, 0.3472



61.4325, 0.2841, 0.3233



61.4325, 0.3219, 0.3118



61.4325, 0.3422, 0.3335

Sweetspot

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



61.4351, 0.3031, 0.3472



97.7579, 0.3096, 0.3345



62.9122, 0.3226, 0.3612



20.8366, 0.3091, 0.3355



0.0000, 0.0000, 0.0000



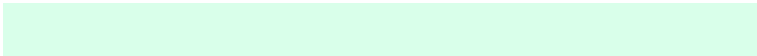
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4351, 0.3031, 0.3472



92.1629, 0.3013, 0.3510



62.0656, 0.2945, 0.3311



13.9871, 0.3056, 0.3422



29.5936, 0.2771, 0.5175



1.8015, 0.2677, 0.4836

Inverse Universe

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



52.8583, 0.3236, 0.3115



76.9266, 0.3260, 0.3080



52.2690, 0.3343, 0.3269



12.5348, 0.3205, 0.3162



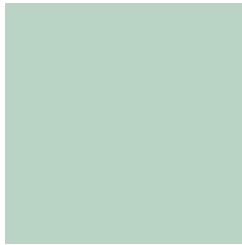
9.4611, 0.4720, 0.2374



0.5872, 0.4389, 0.2191

Previews

White Background



This preview shows how the Yxy color 61.4325, 0.3031, 0.3472 looks on a white background.

Color Contrast Check

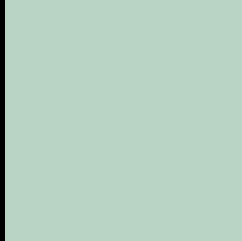
Large Text (above 18pt) WCAG AA × Fail

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 61.4325, 0.3031, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

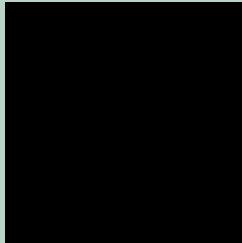
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

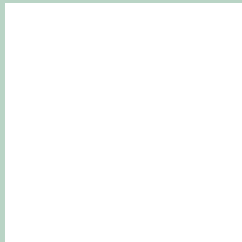
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4325, 0.3031, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 61.4325, 0.3031, 0.3472.



This preview shows how white text looks on a background with the Yxy color 61.4325, 0.3031, 0.3472.

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

61.4325, 0.3031, 0.3472

Protanopia

61.0330, 0.3269, 0.3418

Deuteranopia

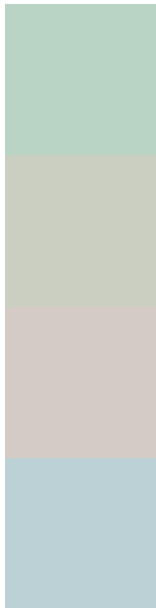
60.8892, 0.3344, 0.3268



Tritanopia

61.4407, 0.2890, 0.3102

Trichromacy



Original Color

61.4325, 0.3031, 0.3472

Protanomaly

61.0772, 0.3181, 0.3444

Deuteranomaly

60.8324, 0.3226, 0.3337

Tritanomaly

61.1473, 0.2941, 0.3230

Monochromacy



Original Color

61.4325, 0.3031, 0.3472

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.0485, 0.3094, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4325, 0.3031, 0.3472 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(185, 212, 197)` looks like.

```
.text, #text, p{  
    color:rgb(185, 212, 197)  
}
```

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(185, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 212, 197) }
```

Border

The CSS property to change the border of an element to Yxy 61.4325, 0.3031, 0.3472 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(185, 212, 197) }
```

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

```
.border{ border-color:rgb(185, 212, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 212, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(185, 212,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4325, 0.3031, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 212, 197) }
```

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

```
.background{ background-color: rgb(185,  
212, 197) }
```

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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