

Converting Colors

$Yxy(61.0921, 0.2976, 0.3470)$

Have a look what the booklet for
Yxy(61.0921, 0.2976, 0.3470)
contains.

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Color

Yxy(61.1307, 0.2975, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	B2D5C6
RGB	178, 213, 198
RGB Percent	70%, 84%, 78%
CMY	0.3020, 0.1647, 0.2234
CMYK	0.16, 0.00, 0.07, 0.16
HSL	154°, 29%, 77%
HSV	154°, 16%, 84%
XYZ	52.3500, 61.1307, 62.4856
YIQ	200.8250, -16.0450, -12.0850

Conversions

Conversions Part 2

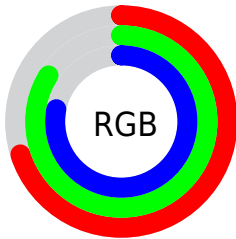
Format	Color
RYB	178, 200, 213
Decimal	11720134
CIELab	82.45, -14.49, 3.54
CIELCh	82, 14.920, 166.285
Yxy	61.1307, 0.2975, 0.3474
Android (android.graphics.Color)	4289910214 (0xFFB2D5C6)
YUV	200.8250, -1.3927, -20.0175
Hunter-Lab	78.1861, -17.3100, 7.3463

Details

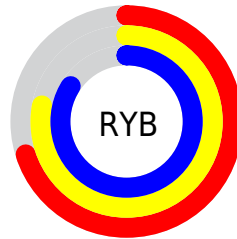
The Yxy color **61.1307, 0.2975, 0.3474** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.8359, 0.3310, 0.3113**, and the grayscale version is **58.3132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **30.8273, 0.2938, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **58.3983, 0.2888, 0.3602**, and if you desaturate by 10%, it is **64.2847, 0.3067, 0.3358**.

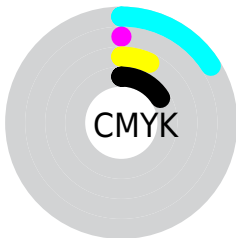
Distribution



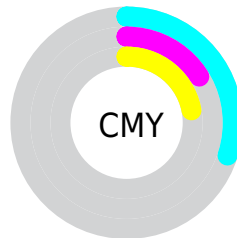
- Red (70%)
- Green (84%)
- Blue (78%)



- Red (70%)
- Yellow (78%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (30%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.1307, 0.2975, 0.3474 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 61.1307, 0.2975, 0.3474 by changing the saturation by 10% instead.

61.1307, 0.2975,
0.3474

61.1307, 0.2975,
0.3474

428.7531, 0.3048,
0.3385

44.3307, 0.2958,
0.3495

106.4682, 0.3001,
0.3442

30.9305, 0.2936,
0.3522

135.7744, 0.3011,
0.3430

20.5460, 0.2907,
0.3557

170.0181, 0.3019,
0.3420

12.7925, 0.2869,
0.3605

209.5837, 0.3027,
0.3411

7.2858, 0.2814,
0.3673

254.8556, 0.3033,
0.3403

3.6415, 0.2730,
0.3779

306.2182, 0.3039,

1.4751, 0.2585,

0.3397

0.3966

364.0559, 0.3044,
0.3390

0.2711, 0.0000,
0.8499

0.0000, 0.0000,
0.0000

61.1307, 0.2975,
0.3474

61.1307, 0.2975,
0.3474

58.3983, 0.2888,
0.3602

64.2847, 0.3067,
0.3358

56.0614, 0.2808,
0.3742


67.8699, 0.3161,
0.3254


54.1027, 0.2739,
0.3893


71.9051, 0.3255,
0.3162


52.5006, 0.2684,
0.4052


74.8171, 0.3288,
0.3076


 51.2311, 0.2646,
0.4217


 75.3556, 0.3224,
0.2988


 50.2674, 0.2626,
0.4385

 75.9215, 0.3162,
0.2902

 49.5781, 0.2628,
0.4552

 76.0696, 0.3146,
0.2881

 49.1234, 0.2649,
0.4714

 48.9926, 0.2659,
0.4771

Harmonies

Analogous

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



61.1307, 0.3163, 0.3594



61.1307, 0.2975, 0.3474



61.1307, 0.2831, 0.3302

Triad

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



61.1307, 0.2975, 0.3474



61.1307, 0.2907, 0.2970



61.1307, 0.3503, 0.3430

Complementary

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



61.1307, 0.2975, 0.3474



49.8359, 0.3310, 0.3113

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.



61.1307, 0.3431, 0.3268



61.1307, 0.2975, 0.3474



61.1307, 0.3083, 0.3008

Square

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



61.1307, 0.2975, 0.3474



61.1307, 0.2793, 0.3013



61.1307, 0.3275, 0.3116



61.1307, 0.3471, 0.3562

Rectangle

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



61.1307, 0.2975, 0.3474



61.1307, 0.2777, 0.3185



61.1307, 0.3275, 0.3116



61.1307, 0.3490, 0.3377

Sweetspot

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



61.1333, 0.2975, 0.3474



97.3153, 0.3080, 0.3343



62.1634, 0.3220, 0.3716



20.7516, 0.3073, 0.3351



0.0000, 0.0000, 0.0000



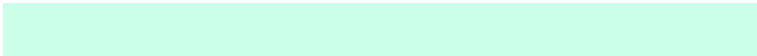
21.4041, 0.3127, 0.3290

Same Dimension

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



61.1333, 0.2975, 0.3474



90.2514, 0.2941, 0.3521



60.6932, 0.2879, 0.3261



14.0139, 0.3039, 0.3392



29.9470, 0.2652, 0.4748



1.8227, 0.2575, 0.4469

Inverse Universe

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



49.8359, 0.3310, 0.3113



69.9263, 0.3361, 0.3070



50.1380, 0.3433, 0.3319



12.5081, 0.3225, 0.3191



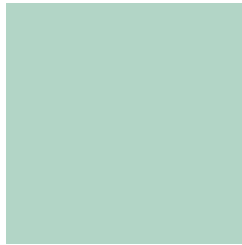
9.1230, 0.5251, 0.2666



0.5666, 0.4812, 0.2425

Previews

White Background



This preview shows how the Yxy color 61.1307, 0.2975, 0.3474 looks on a white background.

Color Contrast Check

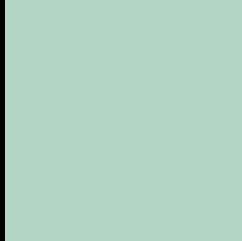
Large Text (above 18pt) WCAG AA × Fail

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 61.1307, 0.2975, 0.3474 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

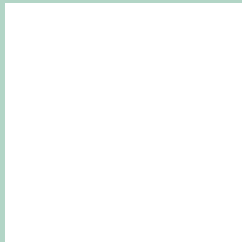
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.1307, 0.2975, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 61.1307, 0.2975, 0.3474.

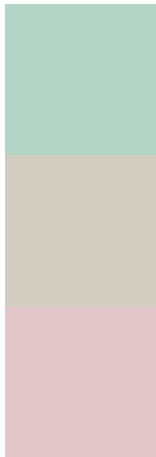


This preview shows how white text looks on a background with the Yxy color 61.1307, 0.2975, 0.3474.

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

61.1307, 0.2975, 0.3474

Protanopia

60.8849, 0.3261, 0.3418

Deuteranopia

60.7740, 0.3328, 0.3257



Tritanopia

61.1592, 0.2831, 0.3089

Trichromacy



Original Color

61.1307, 0.2975, 0.3474

Protanomaly

60.7079, 0.3151, 0.3433

Deuteranomaly

60.4373, 0.3195, 0.3325

Tritanomaly

60.8748, 0.2880, 0.3217

Monochromacy



Original Color

61.1307, 0.2975, 0.3474

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.1702, 0.3071, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.1307, 0.2975, 0.3474 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(178, 213, 198)` looks like.

```
.text, #text, p{  
    color:rgb(178, 213, 198)  
}
```

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(178, 213, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 213, 198) }
```

Border

The CSS property to change the border of an element to Yxy 61.1307, 0.2975, 0.3474 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(178, 213, 198) }
```

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

```
.border{ border-color:rgb(178, 213, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 213, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 213, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 213, 198);  
box-shadow:4px 4px 4px 4px rgb(178, 213,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 61.1307, 0.2975, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 213, 198) }
```

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

```
.background{ background-color: rgb(178,  
213, 198) }
```

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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