

Converting Colors

Yxy(61.4986, 0.2954, 0.3479)

Have a look what the booklet for
Yxy(61.4986, 0.2954, 0.3479)
contains.

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Color

Yxy(61.4468, 0.2955, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	B0D6C7
RGB	176, 214, 199
RGB Percent	69%, 84%, 78%
CMY	0.3099, 0.1607, 0.2197
CMYK	0.18, 0.00, 0.07, 0.16
HSL	156°, 32%, 76%
HSV	156°, 18%, 84%
XYZ	52.2519, 61.4468, 63.1266
YIQ	200.9280, -17.8330, -12.7210

Conversions

Conversions Part 2

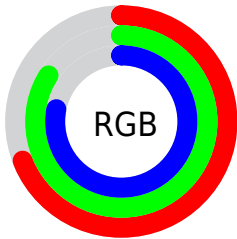
Format	Color
RYB	176, 200, 214
Decimal	11589319
CIELab	82.62, -15.48, 3.26
CIELCh	83, 15.821, 168.098
Yxy	61.4468, 0.2955, 0.3475
Android (android.graphics.Color)	4289779399 (0xFFB0D6C7)
YUV	200.9280, -0.9505, -21.8619
Hunter-Lab	78.3880, -18.1945, 7.1248

Details

The Yxy color **61.4468, 0.2955, 0.3475** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **49.0971, 0.3338, 0.3112**, and the grayscale version is **58.3728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.8958, 0.2987, 0.3290**, and **31.0516, 0.2913, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **58.7668, 0.2865, 0.3594**, and if you desaturate by 10%, it is **64.5470, 0.3051, 0.3367**.

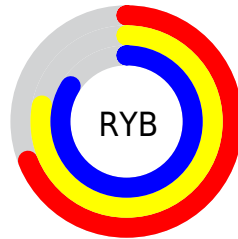
Distribution



Red (69%)

Green (84%)

Blue (78%)



Red (69%)

Yellow (78%)

Blue (84%)

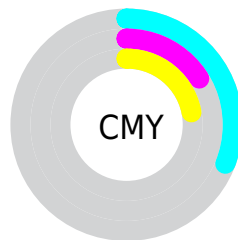


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (16%)



Cyan (31%)

Magenta (16%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 61.4468, 0.2955, 0.3475 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 61.4468, 0.2955, 0.3475 by changing the saturation by 10% instead.

61.4468, 0.2955,
0.3475

61.4468, 0.2955,
0.3475

429.9103, 0.3038,
0.3386

44.5859, 0.2935,
0.3496

106.9256, 0.2984,
0.3443

31.1313, 0.2911,
0.3523

136.3122, 0.2996,
0.3431

20.6989, 0.2879,
0.3559

170.6429, 0.3005,
0.3421

12.9041, 0.2835,
0.3606

210.3020, 0.3013,
0.3412

7.3625, 0.2774,
0.3674

255.6739, 0.3021,
0.3404

3.6898, 0.2681,
0.3780

307.1430, 0.3027,

1.5016, 0.2520,

0.3397

0.3964

365.0936, 0.3033,
0.3391

0.2899, 0.0000,
0.7682

0.0000, 0.0000,
0.0000

61.4468, 0.2955,
0.3475

61.4468, 0.2955,
0.3475

58.7668, 0.2865,
0.3594

64.5470, 0.3051,
0.3367

56.4807, 0.2783,
0.3724

68.0772, 0.3149,
0.3269

54.5706, 0.2712,
0.3864

72.0565, 0.3248,
0.3183

53.0147, 0.2656,
0.4011

75.2327, 0.3298,
0.3103

■ 51.7884, 0.2618,
0.4163

■ 75.7272, 0.3239,
0.3021

■ 50.8641, 0.2599,
0.4318

■ 76.2451, 0.3181,
0.2940

■ 50.2095, 0.2600,
0.4471

■ 76.5806, 0.3146,
0.2891

■ 49.7790, 0.2621,
0.4621

■ 49.6977, 0.2626,
0.4654

Harmonies

Analogous

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



61.4468, 0.3152, 0.3608



61.4468, 0.2955, 0.3475



61.4468, 0.2807, 0.3290

Triad

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



61.4468, 0.2955, 0.3475



61.4468, 0.2904, 0.2952



61.4468, 0.3527, 0.3447

Complementary

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



61.4468, 0.2955, 0.3475



49.0971, 0.3338, 0.3112

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.



61.4468, 0.3457, 0.3276



61.4468, 0.2955, 0.3475



61.4468, 0.3092, 0.2997

Square

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



61.4468, 0.2955, 0.3475



61.4468, 0.2778, 0.2991



61.4468, 0.3296, 0.3114



61.4468, 0.3486, 0.3584

Rectangle

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



61.4468, 0.2955, 0.3475



61.4468, 0.2754, 0.3168



61.4468, 0.3296, 0.3114



61.4468, 0.3515, 0.3392

Sweetspot

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



61.4494, 0.2955, 0.3475



97.3413, 0.3077, 0.3339



62.3343, 0.3217, 0.3755



20.7579, 0.3070, 0.3346



0.0000, 0.0000, 0.0000



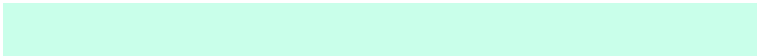
21.4041, 0.3127, 0.3290

Same Dimension

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



61.4494, 0.2955, 0.3475



89.9314, 0.2923, 0.3515



60.2788, 0.2859, 0.3243



14.0209, 0.3035, 0.3384



30.0554, 0.2620, 0.4632



1.8289, 0.2548, 0.4374

Inverse Universe

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



49.0971, 0.3338, 0.3112



68.5500, 0.3388, 0.3076



49.9815, 0.3461, 0.3337



12.5013, 0.3230, 0.3198



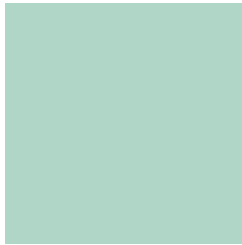
9.0524, 0.5384, 0.2740



0.5621, 0.4924, 0.2486

Previews

White Background



This preview shows how the Yxy color 61.4468, 0.2955, 0.3475 looks on a white background.

Color Contrast Check

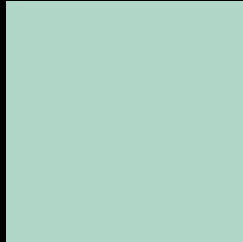
Large Text (above 18pt) WCAG AA × Fail

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 61.4468, 0.2955, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

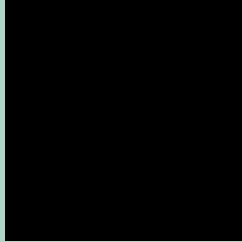
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

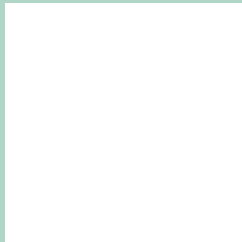
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.4468, 0.2955, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 61.4468, 0.2955, 0.3475.



This preview shows how white text looks on a background with the Yxy color 61.4468, 0.2955, 0.3475.

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

61.4468, 0.2955, 0.3475

Protanopia

60.9297, 0.3254, 0.3407

Deuteranopia

60.8212, 0.3321, 0.3246



Tritanopia

61.4630, 0.2812, 0.3088

Trichromacy



Original Color

61.4468, 0.2955, 0.3475

Protanomaly

61.1030, 0.3136, 0.3433

Deuteranomaly

60.8127, 0.3179, 0.3325

Tritanomaly

61.1820, 0.2861, 0.3217

Monochromacy



Original Color

61.4468, 0.2955, 0.3475

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.5192, 0.3064, 0.3362

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4468, 0.2955, 0.3475 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(176, 214, 199)` looks like.

```
.text, #text, p{  
    color:rgb(176, 214, 199)  
}
```

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(176, 214, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 214, 199) }
```

Border

The CSS property to change the border of an element to Yxy 61.4468, 0.2955, 0.3475 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(176, 214, 199) }
```

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

```
.border{ border-color:rgb(176, 214, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 214, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 214, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 214, 199); box-shadow:4px 4px 4px 4px rgb(176, 214, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4468, 0.2955, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 214, 199) }
```

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

```
.background{ background-color: rgb(176,  
214, 199) }
```

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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