

Converting Colors

Yxy(61.8612, 0.3025, 0.3610)

Have a look what the booklet for
Yxy(61.8612, 0.3025, 0.3610)
contains.

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Color

Yxy(61.6657, 0.3020, 0.3600)

Conversions

Conversions Part 1

Format	Color
Hex	B1D7BE
RGB	177, 215, 190
RGB Percent	69%, 84%, 75%
CMY	0.3058, 0.1569, 0.2549
CMYK	0.18, 0.00, 0.12, 0.16
HSL	141°, 32%, 77%
HSV	141°, 18%, 84%
XYZ	51.7307, 61.6657, 57.8972
YIQ	200.7880, -14.6230, -15.8310

Conversions

Conversions Part 2

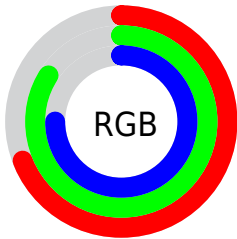
Format	Color
RYB	177, 205, 215
Decimal	11655102
CIELab	82.74, -17.35, 8.20
CIELCh	83, 19.193, 154.697
Yxy	61.6657, 0.3020, 0.3600
Android (android.graphics.Color)	4289845182 (0xFFB1D7BE)
YUV	200.7880, -5.3185, -20.8621
Hunter-Lab	78.5275, -19.8347, 11.2556

Details

The Yxy color **61.6657, 0.3020, 0.3600** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1649, 0.3253, 0.2999**, and the grayscale version is **58.3150, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4975, 0.3043, 0.3379**, and **31.2328, 0.2988, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **58.7500, 0.2962, 0.3804**, and if you desaturate by 10%, it is **65.0444, 0.3080, 0.3417**.

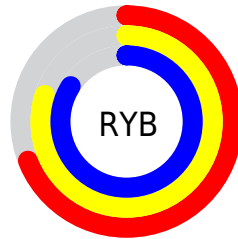
Distribution



Red (69%)

Green (84%)

Blue (75%)



Red (69%)

Yellow (80%)

Blue (84%)

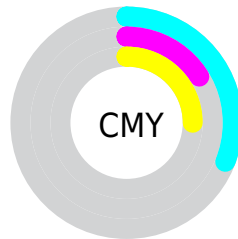


Cyan (18%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (31%)


Magenta (16%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.6657, 0.3020, 0.3600 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 61.6657, 0.3020, 0.3600 by changing the saturation by 10% instead.


 61.6657, 0.3020,
0.3600

 61.6657, 0.3020,
0.3600


430.7106, 0.3073,
0.3449

 44.7626, 0.3007,
0.3637


 107.2422, 0.3039,
0.3546

 31.2705, 0.2991,
0.3683

136.6845, 0.3046,
0.3525

 20.8049, 0.2969,
0.3744


171.0752, 0.3052,
0.3508

 12.9815, 0.2939,
0.3827

210.7989, 0.3057,
0.3493

 7.4158, 0.2896,
0.3946

256.2399, 0.3062,
0.3480

 3.7235, 0.2827,
0.4134

307.7826, 0.3066,

 1.5201, 0.2702,

0.3468

0.4470

365.8114, 0.3070,
0.3458

0.3028, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.6657, 0.3020,
0.3600

61.6657, 0.3020,
0.3600

58.7500, 0.2962,
0.3804

65.0444, 0.3080,
0.3417

56.2692, 0.2909,
0.4029

68.8974, 0.3141,
0.3254

54.2041, 0.2864,
0.4270

73.2450, 0.3201,
0.3111

52.5309, 0.2831,
0.4522

76.5508, 0.3202,
0.2979

■ 51.2234, 0.2811,
0.4778

■ 77.0803, 0.3145,
0.2900

■ 50.2519, 0.2809,
0.5028

■ 49.5820, 0.2825,
0.5260

■ 49.1663, 0.2856,
0.5463

■ 49.0885, 0.2863,
0.5507

Harmonies

Analogous

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



61.6657, 0.3265, 0.3714



61.6657, 0.3020, 0.3600



61.6657, 0.2809, 0.3393

Triad

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



61.6657, 0.3020, 0.3600



61.6657, 0.2778, 0.2890



61.6657, 0.3591, 0.3387

Complementary

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



61.6657, 0.3020, 0.3600



50.1649, 0.3253, 0.2999

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.



61.6657, 0.3450, 0.3181



61.6657, 0.3020, 0.3600



61.6657, 0.2976, 0.2902

Square

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



61.6657, 0.3020, 0.3600



61.6657, 0.2674, 0.2982



61.6657, 0.3222, 0.3007



61.6657, 0.3601, 0.3578

Rectangle

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



61.6657, 0.3020, 0.3600



61.6657, 0.2715, 0.3238



61.6657, 0.3222, 0.3007



61.6657, 0.3557, 0.3318

Sweetspot

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



61.6683, 0.3020, 0.3600



97.1329, 0.3096, 0.3372



64.3796, 0.3294, 0.3741



20.7073, 0.3092, 0.3384



0.0000, 0.0000, 0.0000



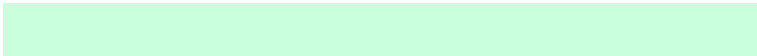
21.4041, 0.3127, 0.3290

Same Dimension

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



61.6683, 0.3020, 0.3600



89.1549, 0.2999, 0.3670



62.5372, 0.2902, 0.3366



13.9654, 0.3070, 0.3447



29.3791, 0.2856, 0.5480



1.7873, 0.2756, 0.5123

Inverse Universe

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



50.1649, 0.3253, 0.2999



69.3394, 0.3283, 0.2938



49.3338, 0.3411, 0.3216



12.5572, 0.3189, 0.3138



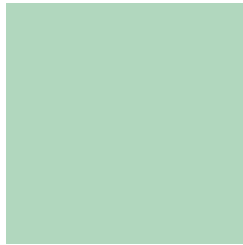
9.8202, 0.4300, 0.2142



0.6076, 0.4064, 0.2013

Previews

White Background



This preview shows how the Yxy color 61.6657, 0.3020, 0.3600 looks on a white background.

Color Contrast Check

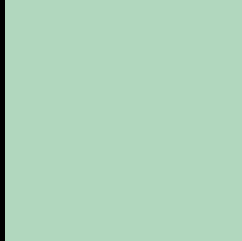
Large Text (above 18pt) WCAG AA × Fail

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 61.6657, 0.3020, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

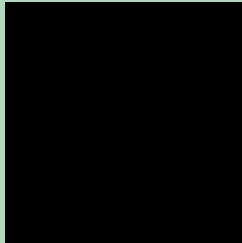
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

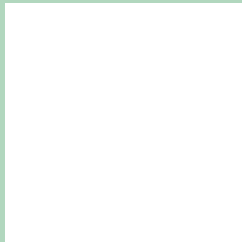
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.6657, 0.3020, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 61.6657, 0.3020, 0.3600.



This preview shows how white text looks on a background with the Yxy color 61.6657, 0.3020, 0.3600.

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

61.6657, 0.3020, 0.3600

Protanopia

61.4616, 0.3343, 0.3523

Deuteranopia

61.0614, 0.3423, 0.3347



Tritanopia

61.6515, 0.2832, 0.3101

Trichromacy



Original Color

61.6657, 0.3020, 0.3600

Protanomaly

61.6063, 0.3221, 0.3552

Deuteranomaly

60.8404, 0.3268, 0.3430

Tritanomaly

61.7148, 0.2900, 0.3277

Monochromacy



Original Color

61.6657, 0.3020, 0.3600

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.3803, 0.3084, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.6657, 0.3020, 0.3600 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(177, 215, 190)` looks like.

```
.text, #text, p{  
    color:rgb(177, 215, 190)  
}
```

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(177, 215, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 215, 190) }
```

Border

The CSS property to change the border of an element to Yxy 61.6657, 0.3020, 0.3600 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(177, 215, 190) }
```

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

```
.border{ border-color:rgb(177, 215, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 215, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 215, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 215, 190);  
box-shadow:4px 4px 4px 4px rgb(177, 215,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 61.6657, 0.3020, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 215, 190) }
```

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

```
.background{ background-color: rgb(177,  
215, 190) }
```

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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