

Converting Colors

$Yxy(61.2961, 0.3038, 0.3537)$

Have a look what the booklet for
Yxy(61.2961, 0.3038, 0.3537)
contains.

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Color

Yxy(61.3838, 0.3036, 0.3536)

Conversions

Conversions Part 1

Format	Color
Hex	B6D5C1
RGB	182, 213, 193
RGB Percent	71%, 84%, 76%
CMY	0.2864, 0.1647, 0.2432
CMYK	0.15, 0.00, 0.09, 0.16
HSL	141°, 27%, 77%
HSV	141°, 15%, 84%
XYZ	52.7040, 61.3838, 59.5090
YIQ	201.4510, -12.0560, -12.7920

Conversions

Conversions Part 2

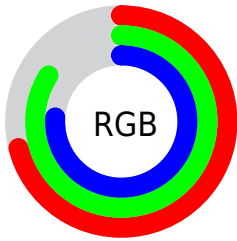
Format	Color
RYB	182, 205, 213
Decimal	11982273
CIELab	82.58, -14.16, 6.45
CIELCh	83, 15.559, 155.495
Yxy	61.3838, 0.3036, 0.3536
Android (android.graphics.Color)	4290172353 (0xFFB6D5C1)
YUV	201.4510, -4.1663, -17.0585
Hunter-Lab	78.3478, -17.0331, 9.8098

Details

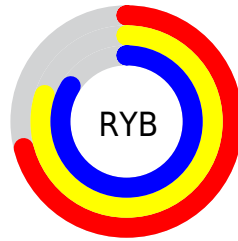
The Yxy color **61.3838, 0.3036, 0.3536** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.8571, 0.3231, 0.3056**, and the grayscale version is **58.7326, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5367, 0.3057, 0.3349**, and **31.0143, 0.3009, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **58.4023, 0.2975, 0.3730**, and if you desaturate by 10%, it is **64.8220, 0.3098, 0.3363**.

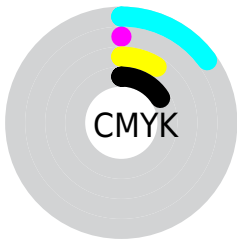
Distribution



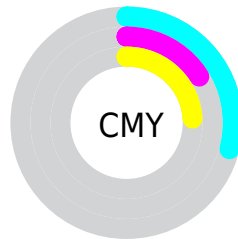
- Red (71%)
- Green (84%)
- Blue (76%)



- Red (71%)
- Yellow (80%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (9%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.3838, 0.3036, 0.3536 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 61.3838, 0.3036, 0.3536 by changing the saturation by 10% instead.


 61.3838, 0.3036,
0.3536

 61.3838, 0.3036,
0.3536


429.6798, 0.3081,
0.3417

 44.5350, 0.3025,
0.3565


 106.8345, 0.3052,
0.3493

 31.0913, 0.3011,
0.3601


136.2051, 0.3058,
0.3477

 20.6684, 0.2993,
0.3649


170.5184, 0.3063,
0.3463

 12.8818, 0.2969,
0.3714

210.1589, 0.3068,
0.3451

 7.3472, 0.2933,
0.3807

255.5109, 0.3071,
0.3441

 3.6802, 0.2877,
0.3953

306.9588, 0.3075,

 1.4963, 0.2776,

0.3432

0.4213

364.8869, 0.3078,
0.3424

0.2861, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.3838, 0.3036,
0.3536

61.3838, 0.3036,
0.3536

58.4023, 0.2975,
0.3730

64.8220, 0.3098,
0.3363

55.8504, 0.2919,
0.3944

68.7272, 0.3161,
0.3209

53.7100, 0.2870,
0.4175

73.1192, 0.3222,
0.3074

51.9586, 0.2832,
0.4420

75.6311, 0.3194,
0.2947

■ 50.5714, 0.2807,
0.4671

■ 76.0755, 0.3146,
0.2881

■ 49.5207, 0.2799,
0.4920

■ 48.7747, 0.2808,
0.5156

■ 48.2949, 0.2835,
0.5369

■ 48.1108, 0.2854,
0.5473

Harmonies

Analogous

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



61.3838, 0.3236, 0.3631



61.3838, 0.3036, 0.3536



61.3838, 0.2865, 0.3369

Triad

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



61.3838, 0.3036, 0.3536



61.3838, 0.2846, 0.2963



61.3838, 0.3504, 0.3376

Complementary

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



61.3838, 0.3036, 0.3536



51.8571, 0.3231, 0.3056

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.



61.3838, 0.3393, 0.3206



61.3838, 0.3036, 0.3536



61.3838, 0.3010, 0.2973

Square

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



61.3838, 0.3036, 0.3536



61.3838, 0.2758, 0.3038



61.3838, 0.3211, 0.3062



61.3838, 0.3510, 0.3530

Rectangle

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



61.3838, 0.3036, 0.3536



61.3838, 0.2788, 0.3245



61.3838, 0.3211, 0.3062



61.3838, 0.3478, 0.3319

Sweetspot

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



61.3864, 0.3036, 0.3536



97.6997, 0.3102, 0.3354



63.5491, 0.3260, 0.3658



20.8219, 0.3097, 0.3366



0.0000, 0.0000, 0.0000



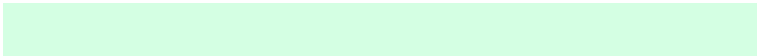
21.4041, 0.3127, 0.3290

Same Dimension

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



61.3864, 0.3036, 0.3536



91.0123, 0.3020, 0.3585



62.1088, 0.2936, 0.3346



13.9680, 0.3068, 0.3444



29.4016, 0.2846, 0.5446



1.7889, 0.2747, 0.5090

Inverse Universe

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



51.8571, 0.3231, 0.3056



74.4414, 0.3253, 0.3013



51.1644, 0.3357, 0.3235



12.5544, 0.3191, 0.3141



9.7728, 0.4349, 0.2169



0.6049, 0.4102, 0.2033

Previews

White Background



This preview shows how the Yxy color 61.3838, 0.3036, 0.3536 looks on a white background.

Color Contrast Check

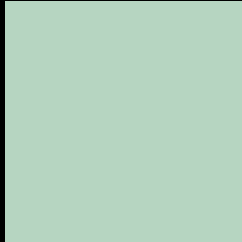
Large Text (above 18pt) WCAG AA × Fail

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 61.3838, 0.3036, 0.3536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

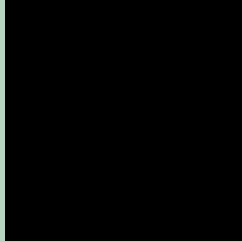
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

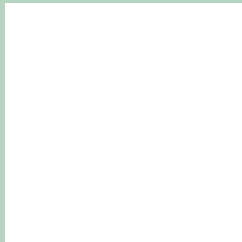
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.3838, 0.3036, 0.3536

Background



This preview shows how black text looks on a background with the Yxy color 61.3838, 0.3036, 0.3536.

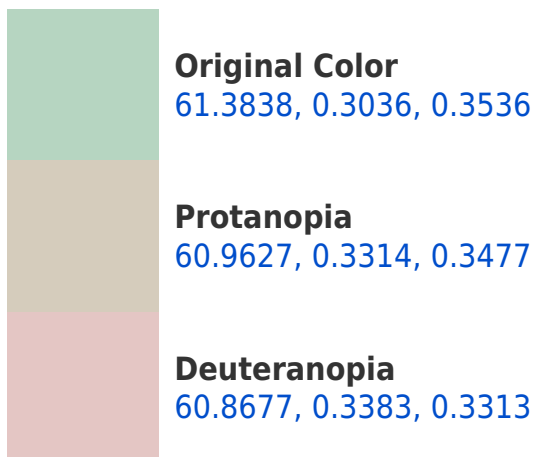


This preview shows how white text looks on a background with the Yxy color 61.3838, 0.3036, 0.3536.

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





Tritanopia

61.1128, 0.2864, 0.3090

Trichromacy



Original Color

61.3838, 0.3036, 0.3536

Protanomaly

60.8999, 0.3209, 0.3492

Deuteranomaly

60.5009, 0.3247, 0.3383

Tritanomaly

61.2116, 0.2927, 0.3254

Monochromacy



Original Color

61.3838, 0.3036, 0.3536

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.2092, 0.3093, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.3838, 0.3036, 0.3536 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(182, 213, 193)` looks like.

```
.text, #text, p{  
    color:rgb(182, 213, 193)  
}
```

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(182, 213, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 213, 193) }
```

Border

The CSS property to change the border of an element to Yxy 61.3838, 0.3036, 0.3536 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(182, 213, 193) }
```

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

```
.border{ border-color:rgb(182, 213, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 213, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 213, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 213, 193);  
box-shadow:4px 4px 4px 4px rgb(182, 213,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 61.3838, 0.3036, 0.3536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 213, 193) }
```

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

```
.background{ background-color: rgb(182,  
213, 193) }
```

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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