

Converting Colors

$Yxy(60.8004, 0.3106, 0.3752)$

Have a look what the booklet for
Yxy(60.8004, 0.3106, 0.3752)
contains.

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Color

Yxy(60.7324, 0.3113, 0.3755)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B2D6B1 |
| RGB | 178, 214, 177 |
| RGB Percent | 70%, 84%, 69% |
| CMY | 0.3018, 0.1608, 0.3059 |
| CMYK | 0.17, 0.00, 0.17, 0.16 |
| HSL | 118°, 31%, 77% |
| HSV | 118°, 17%, 84% |
| XYZ | 50.3489, 60.7324, 50.6562 |
| YIQ | 199.0180, -9.5790, -19.1390 |

Conversions

Conversions Part 2

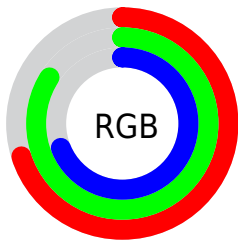
| Format | Color |
|-------------------------------------|--|
| RYB | 177, 214, 213 |
| Decimal | 11720369 |
| CIELab | 82.23, -18.86, 14.40 |
| CIElCh | 82, 23.729, 142.644 |
| Yxy | 60.7324, 0.3113, 0.3755 |
| Android (android.graphics.Color) | 4289910449 (0xFFB2D6B1) |
| YUV | 199.0180, -10.8549, -18.4328 |
| Hunter-Lab | 77.9310, -21.0558, 16.0124 |

Details

The Yxy color **60.7324, 0.3113, 0.3755** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.4307, 0.3138, 0.2863**, and the grayscale version is **57.2023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8956, 0.3123, 0.3511**, and **30.6115, 0.3109, 0.3885** is the 20% darker color. If you saturate the color by 10%, you get **57.6712, 0.3102, 0.4069**, and if you desaturate by 10%, it is **64.3052, 0.3122, 0.3474**.

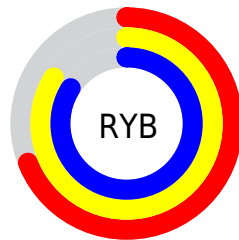
Distribution



Red (70%)

Green (84%)

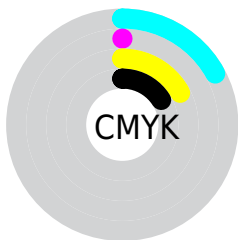
Blue (69%)



Red (69%)

Yellow (84%)

Blue (84%)

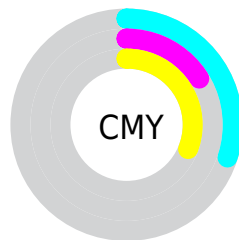


Cyan (17%)

Magenta (0%)

Yellow (17%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7324, 0.3113, 0.3755 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 60.7324, 0.3113, 0.3755 by changing the saturation by 10% instead.

 60.7324, 0.3113,
0.3755

 60.7324, 0.3113,
0.3755


427.2921, 0.3123,
0.3526

 44.0092, 0.3110,
0.3811

 105.8914, 0.3117,
0.3673

 30.6778, 0.3105,
0.3882


135.0960, 0.3119,
0.3642

 20.3536, 0.3098,
0.3976


169.2299, 0.3120,
0.3615

 12.6523, 0.3086,
0.4105

208.6774, 0.3121,
0.3592

 7.1896, 0.3067,
0.4292

253.8230, 0.3122,
0.3573

 3.5809, 0.3028,
0.4587

305.0511, 0.3122,

 1.4420, 0.3021,

0.3555

0.5268

362.7460, 0.3123,
0.3540

0.2474, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.7324, 0.3113,
0.3755

60.7324, 0.3113,
0.3755

57.6712, 0.3102,
0.4069

64.3052, 0.3122,
0.3474

55.0910, 0.3090,
0.4411

68.4033, 0.3129,
0.3226

52.9696, 0.3075,
0.4767

73.0495, 0.3135,
0.3012

51.2802, 0.3060,
0.5117

76.5708, 0.3146,
0.2891

■ 49.9930, 0.3043,
0.5437

■ 49.0747, 0.3028,
0.5699

■ 48.4865, 0.3015,
0.5881

■ 48.1798, 0.3006,
0.5978

■ 48.1303, 0.3005,
0.5996

Harmonies

Analogous

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



60.7324, 0.3412, 0.3833



60.7324, 0.3113, 0.3755



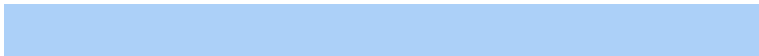
60.7324, 0.2827, 0.3531

Triad

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



60.7324, 0.3113, 0.3755



60.7324, 0.2628, 0.2826



60.7324, 0.3652, 0.3303

Complementary

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



60.7324, 0.3113, 0.3755



50.4307, 0.3138, 0.2863

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.



60.7324, 0.3422, 0.3061



60.7324, 0.3113, 0.3755



60.7324, 0.2829, 0.2792

Square

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



60.7324, 0.3113, 0.3755



60.7324, 0.2556, 0.2984



60.7324, 0.3118, 0.2879



60.7324, 0.3733, 0.3553

Rectangle

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



60.7324, 0.3113, 0.3755



60.7324, 0.2681, 0.3339



60.7324, 0.3118, 0.2879



60.7324, 0.3589, 0.3219

Sweetspot

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



60.7350, 0.3113, 0.3755



96.9320, 0.3124, 0.3415



64.9380, 0.3388, 0.3704



20.6586, 0.3123, 0.3434



0.0000, 0.0000, 0.0000



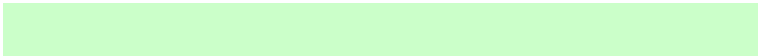
21.4041, 0.3127, 0.3290

Same Dimension

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



60.7350, 0.3113, 0.3755



88.4522, 0.3109, 0.3874



61.3430, 0.2992, 0.3534



13.9127, 0.3120, 0.3531



29.1007, 0.3007, 0.5995



1.7613, 0.3028, 0.5978

Inverse Universe

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



50.4307, 0.3138, 0.2863



70.1741, 0.3141, 0.2764



49.7532, 0.3288, 0.3058



12.6138, 0.3133, 0.3060



11.0376, 0.3138, 0.1503



0.6716, 0.3151, 0.1510

Previews

White Background



This preview shows how the Yxy color 60.7324, 0.3113, 0.3755 looks on a white background.

Color Contrast Check

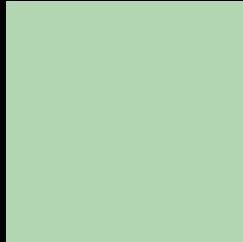
Large Text (above 18pt) WCAG AA × Fail

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 60.7324, 0.3113, 0.3755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

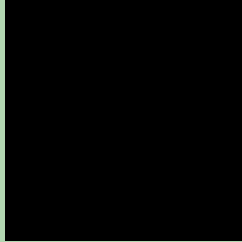
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.7324, 0.3113, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 60.7324, 0.3113, 0.3755.



This preview shows how white text looks on a background with the Yxy color 60.7324, 0.3113, 0.3755.

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

60.7324, 0.3113, 0.3755

Protanopia

60.6114, 0.3450, 0.3665

Deuteranopia

60.4245, 0.3536, 0.3470



Tritanopia

60.4466, 0.2862, 0.3089

Trichromacy



Original Color

60.7324, 0.3113, 0.3755

Protanomaly

60.7243, 0.3323, 0.3699

Deuteranomaly

60.0042, 0.3367, 0.3561

Tritanomaly

60.6655, 0.2952, 0.3326

Monochromacy



Original Color

60.7324, 0.3113, 0.3755

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0237, 0.3120, 0.3449

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7324, 0.3113, 0.3755 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, 214, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 214, 177)  
}
```

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, 214, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 214, 177) }
```

Border

The CSS property to change the border of an element to Yxy 60.7324, 0.3113, 0.3755 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, 214, 177) }
```

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

```
.border{ border-color:rgb(178, 214, 177) }
```

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

Here you see how a box with a 4 pixel rgb(178, 214, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 214, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 214, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 214,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7324, 0.3113, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 214, 177) }
```

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

```
.background{ background-color: rgb(178,  
214, 177) }
```

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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