

Converting Colors

Yxy(64.0431, 0.3209, 0.3780)

Have a look what the booklet for
Yxy(64.0431, 0.3209, 0.3780)
contains.

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Color

Yxy(63.8764, 0.3206, 0.3776)

Conversions

Conversions Part 1

Format	Color
Hex	BFD9B1
RGB	191, 217, 177
RGB Percent	75%, 85%, 69%
CMY	0.2509, 0.1490, 0.3060
CMYK	0.12, 0.00, 0.18, 0.15
HSL	99°, 35%, 77%
HSV	99°, 18%, 85%
XYZ	54.2340, 63.8764, 51.0538
YIQ	204.6660, -2.6560, -17.9520

Conversions

Conversions Part 2

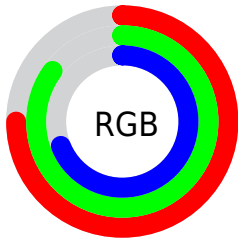
Format	Color
RYB	177, 217, 203
Decimal	12573105
CIELab	83.90, -15.90, 16.87
CIELCh	84, 23.177, 133.303
Yxy	63.8764, 0.3206, 0.3776
Android (android.graphics.Color)	4290763185 (0xFFBFD9B1)
YUV	204.6660, -13.6393, -11.9851
Hunter-Lab	79.9227, -18.7380, 18.0721

Details

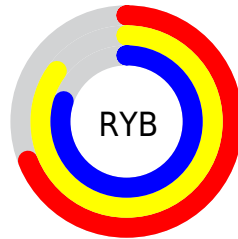
The Yxy color **63.8764, 0.3206, 0.3776** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1388, 0.3032, 0.2818**, and the grayscale version is **60.9179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3597, 0.3211, 0.3506**, and **32.6143, 0.3221, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **61.3412, 0.3245, 0.4073**, and if you desaturate by 10%, it is **66.7306, 0.3164, 0.3502**.

Distribution



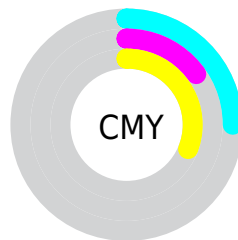
- Red (75%)
- Green (85%)
- Blue (69%)



- Red (69%)
- Yellow (85%)
- Blue (80%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.8764, 0.3206, 0.3776 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 63.8764, 0.3206, 0.3776 by changing the saturation by 10% instead.

■ 63.8764, 0.3206,
0.3776

■ 63.8764, 0.3206,
0.3776

438.7432, 0.3172,
0.3540

■ 46.5506, 0.3213,
0.3833

■ 110.4329, 0.3195,
0.3692

■ 32.6805, 0.3221,
0.3905

140.4324, 0.3190,
0.3659

■ 21.8818, 0.3231,
0.3999

175.4252, 0.3186,
0.3632

■ 13.7701, 0.3242,
0.4127

215.7957, 0.3183,
0.3608

■ 7.9609, 0.3253,
0.4309

261.9284, 0.3180,
0.3588

■ 4.0700, 0.3261,
0.4590


314.2076, 0.3177,

■ 1.7128, 0.3318,


0.3570


0.5181


373.0177, 0.3174,
0.3554

 0.4319, 0.0494,
0.9506


 0.0000, 0.0000,
0.0000


 63.8764, 0.3206,
0.3776


 63.8764, 0.3206,
0.3776


 61.3412, 0.3245,
0.4073


 66.7306, 0.3164,
0.3502

 59.1052, 0.3277,
0.4387

 69.9063, 0.3120,
0.3253

 57.1592, 0.3300,
0.4706

 73.4165, 0.3077,
0.3030

 55.4898, 0.3310,
0.5018

 76.6925, 0.3091,
0.2914

■ 54.0830, 0.3304,
0.5303

■ 78.1082, 0.3145,
0.2920

■ 52.9231, 0.3280,
0.5543

■ 51.9921, 0.3241,
0.5724

■ 51.2661, 0.3189,
0.5840

■ 51.1673, 0.3182,
0.5856

Harmonies

Analogous

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



63.8764, 0.3481, 0.3802



63.8764, 0.3206, 0.3776



63.8764, 0.2919, 0.3599

Triad

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



63.8764, 0.3206, 0.3776



63.8764, 0.2611, 0.2879



63.8764, 0.3575, 0.3227

Complementary

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



63.8764, 0.3206, 0.3776



49.1388, 0.3032, 0.2818

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.



63.8764, 0.3324, 0.3007



63.8764, 0.3206, 0.3776



63.8764, 0.2769, 0.2808

Square

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



63.8764, 0.3206, 0.3776



63.8764, 0.2585, 0.3066



63.8764, 0.3027, 0.2857



63.8764, 0.3702, 0.3471

Rectangle

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



63.8764, 0.3206, 0.3776



63.8764, 0.2758, 0.3425



63.8764, 0.3027, 0.2857



63.8764, 0.3502, 0.3149

Sweetspot

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



63.8792, 0.3206, 0.3776



97.2172, 0.3154, 0.3440



60.3214, 0.3432, 0.3585



20.7459, 0.3156, 0.3457



0.0000, 0.0000, 0.0000



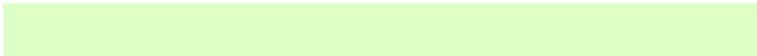
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8792, 0.3206, 0.3776



90.6314, 0.3221, 0.3885



62.3633, 0.3069, 0.3722



14.8271, 0.3168, 0.3528



31.0259, 0.3191, 0.5848



2.0571, 0.3319, 0.5746

Inverse Universe

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



49.1388, 0.3032, 0.2818



65.7403, 0.3009, 0.2716



50.9250, 0.3191, 0.2893



13.0346, 0.3082, 0.3056



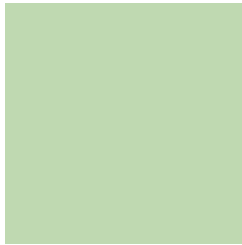
6.5183, 0.2347, 0.1067



0.4697, 0.2489, 0.1145

Previews

White Background



This preview shows how the Yxy color 63.8764, 0.3206, 0.3776 looks on a white background.

Color Contrast Check

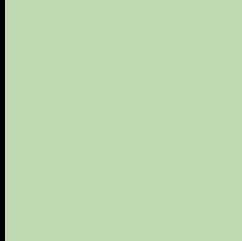
Large Text (above 18pt) WCAG AA × Fail

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 63.8764, 0.3206, 0.3776 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

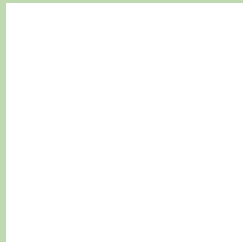
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8764, 0.3206, 0.3776

Background



This preview shows how black text looks on a background with the Yxy color 63.8764, 0.3206, 0.3776.

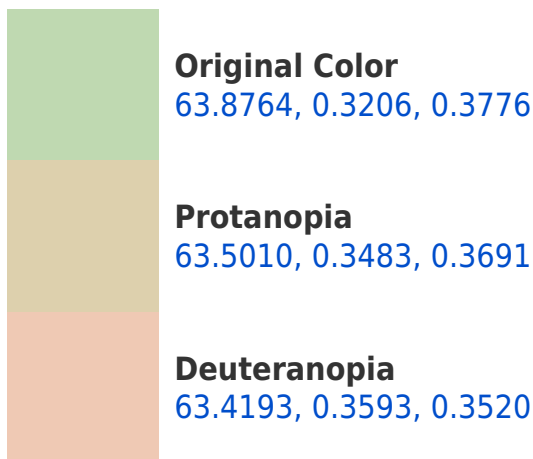


This preview shows how white text looks on a background with the Yxy color 63.8764, 0.3206, 0.3776.

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

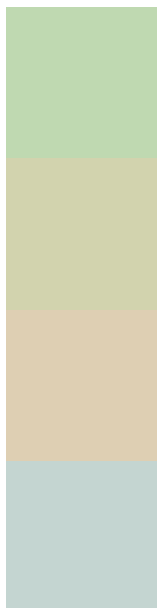




Tritanopia

63.7814, 0.2935, 0.3096

Trichromacy



Original Color

63.8764, 0.3206, 0.3776

Protanomaly

63.3462, 0.3381, 0.3724

Deuteranomaly

63.4099, 0.3448, 0.3609

Tritanomaly

63.9277, 0.3031, 0.3337

Monochromacy



Original Color

63.8764, 0.3206, 0.3776

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8204, 0.3157, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8764, 0.3206, 0.3776 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(191, 217, 177)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 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(191, 217, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 177) }
```

Border

The CSS property to change the border of an element to Yxy 63.8764, 0.3206, 0.3776 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(191, 217, 177) }
```

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

```
.border{ border-color:rgb(191, 217, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 177);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8764, 0.3206, 0.3776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 177) }
```

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

```
.background{ background-color: rgb(191,  
217, 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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