

Converting Colors

$Yxy(63.3184, 0.3291, 0.3779)$

Have a look what the booklet for
Yxy(63.3184, 0.3291, 0.3779)
contains.

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Color

Yxy(63.2524, 0.3297, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	C7D6AD
RGB	199, 214, 173
RGB Percent	78%, 84%, 68%
CMY	0.2197, 0.1608, 0.3214
CMYK	0.07, 0.00, 0.19, 0.16
HSL	82°, 33%, 76%
HSV	82°, 19%, 84%
XYZ	55.1410, 63.2524, 48.8525
YIQ	204.8410, 4.2210, -15.9310

Conversions

Conversions Part 2

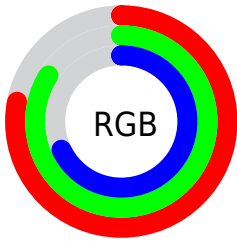
Format	Color
R_{YB}	173, 214, 188
Decimal	13096621
CIE _{Lab}	83.58, -12.19, 18.57
CIE _{LCh}	84, 22.214, 123.283
Yxy	63.2524, 0.3297, 0.3782
Android (android.graphics.Color)	4291286701 (0xFFC7D6AD)
YUV	204.8410, -15.6976, -5.1226
Hunter-Lab	79.5314, -15.4217, 19.2528

Details

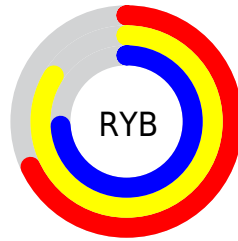
The Yxy color $63.2524, 0.3297, 0.3782$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $45.4531, 0.2932, 0.2786$, and the grayscale version is $61.0446, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4371, 0.3280, 0.3542$, and $32.1965, 0.3333, 0.3899$ is the 20% darker color. If you saturate the color by 10%, you get $61.4458, 0.3383, 0.4060$, and if you desaturate by 10%, it is $65.2526, 0.3208, 0.3517$.

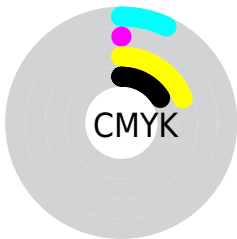
Distribution



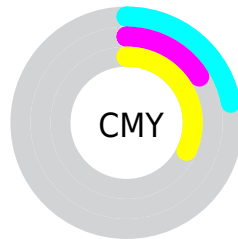
- Red (78%)
- Green (84%)
- Blue (68%)



- Red (68%)
- Yellow (84%)
- Blue (74%)



- Cyan (7%)
- Magenta (0%)
- Yellow (19%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.2524, 0.3297, 0.3782 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 63.2524, 0.3297, 0.3782 by changing the saturation by 10% instead.

 63.2524, 0.3297,
0.3782

 63.2524, 0.3297,
0.3782

436.4849, 0.3219,
0.3543

 46.0454, 0.3314,
0.3839

 109.5336, 0.3270,
0.3697

 32.2817, 0.3335,
0.3912


139.3765, 0.3260,
0.3665

 21.5767, 0.3361,
0.4005

174.2003, 0.3251,
0.3637

 13.5462, 0.3394,
0.4132

214.3893, 0.3243,
0.3613

 7.8057, 0.3436,
0.4312

260.3278, 0.3236,
0.3592

 3.9709, 0.3489,
0.4586


312.4004, 0.3230,

 1.6573, 0.3687,


0.3574


0.5244


370.9913, 0.3224,
0.3558


 0.3958, 0.1657,
0.8343


 0.0000, 0.0000,
0.0000


 63.2524, 0.3297,
0.3782


 63.2524, 0.3297,
0.3782


 61.4458, 0.3383,
0.4060


 65.2526, 0.3208,
0.3517


 59.8175, 0.3462,
0.4343


 67.4447, 0.3120,
0.3270

 58.3624, 0.3530,
0.4622

 69.8380, 0.3034,
0.3042

 57.0722, 0.3582,
0.4885

 72.2021, 0.2974,
0.2869

 55.9379, 0.3612,
0.5118


 73.5327, 0.3028,
0.2876

 54.9490, 0.3619,
0.5311


 74.9226, 0.3083,
0.2883

 54.0934, 0.3601,
0.5454

 76.3725, 0.3138,
0.2890

 53.3521, 0.3562,
0.5549

 76.5773, 0.3146,
0.2891

 53.2921, 0.3558,
0.5557

Harmonies

Analogous

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



63.2524, 0.3540, 0.3758



63.2524, 0.3297, 0.3782



63.2524, 0.3016, 0.3657

Triad

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



63.2524, 0.3297, 0.3782



63.2524, 0.2607, 0.2943



63.2524, 0.3487, 0.3154

Complementary

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



63.2524, 0.3297, 0.3782



45.4531, 0.2932, 0.2786

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.



63.2524, 0.3222, 0.2960



63.2524, 0.3297, 0.3782



63.2524, 0.2719, 0.2836

Square

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



63.2524, 0.3297, 0.3782



63.2524, 0.2626, 0.3155



63.2524, 0.2941, 0.2845



63.2524, 0.3656, 0.3387

Rectangle

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



63.2524, 0.3297, 0.3782



63.2524, 0.2845, 0.3507



63.2524, 0.2941, 0.2845



63.2524, 0.3406, 0.3083

Sweetspot

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



63.2552, 0.3297, 0.3782



98.0048, 0.3181, 0.3439



53.3060, 0.3468, 0.3470



20.9320, 0.3187, 0.3455



0.0000, 0.0000, 0.0000



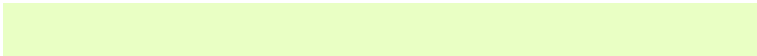
21.4041, 0.3127, 0.3290

Same Dimension

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



63.2552, 0.3297, 0.3782



92.9281, 0.3333, 0.3894



60.6392, 0.3143, 0.3806



14.2818, 0.3211, 0.3524



32.2697, 0.3567, 0.5550



1.9925, 0.3676, 0.5463

Inverse Universe

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



45.4531, 0.2932, 0.2786



61.7415, 0.2883, 0.2667



48.2434, 0.3103, 0.2811



12.2282, 0.3038, 0.3053



3.9799, 0.1798, 0.0764



0.2863, 0.1995, 0.0873

Previews

White Background



This preview shows how the Yxy color 63.2524, 0.3297, 0.3782 looks on a white background.

Color Contrast Check

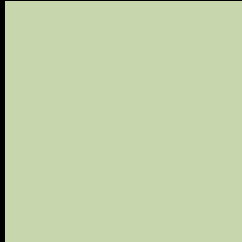
Large Text (above 18pt) WCAG AA × Fail

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 63.2524, 0.3297, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

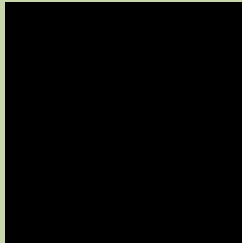
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

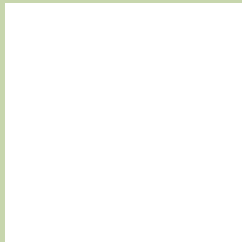
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.2524, 0.3297, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 63.2524, 0.3297, 0.3782.



This preview shows how white text looks on a background with the Yxy color 63.2524, 0.3297, 0.3782.

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

63.2524, 0.3297, 0.3782

Protanopia

63.2297, 0.3497, 0.3727

Deuteranopia

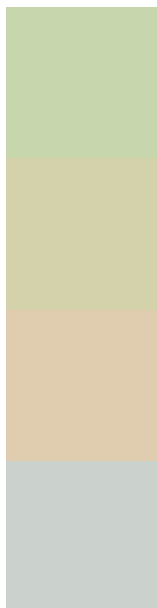
62.7939, 0.3627, 0.3554



Tritanopia

63.0752, 0.3010, 0.3108

Trichromacy



Original Color

63.2524, 0.3297, 0.3782

Protanomaly

63.0305, 0.3421, 0.3746

Deuteranomaly

62.6051, 0.3499, 0.3632

Tritanomaly

63.1975, 0.3110, 0.3348

Monochromacy



Original Color

63.2524, 0.3297, 0.3782

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.6585, 0.3195, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.2524, 0.3297, 0.3782 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(199, 214, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 214, 173)  
}
```

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(199, 214, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 173) }
```

Border

The CSS property to change the border of an element to Yxy 63.2524, 0.3297, 0.3782 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(199, 214, 173) }
```

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

```
.border{ border-color:rgb(199, 214, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 214, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 63.2524, 0.3297, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 173) }
```

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

```
.background{ background-color: rgb(199,  
214, 173) }
```

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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