

Converting Colors

Yxy(67.6444, 0.3287, 0.3744)

Have a look what the booklet for
Yxy(67.6444, 0.3287, 0.3744)
contains.

Yxy(67.6444, 0.3287, 0.3744)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.6444, 0.3287, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	CEDCB5
RGB	206, 220, 181
RGB Percent	81%, 86%, 71%
CMY	0.1921, 0.1372, 0.2902
CMYK	0.06, 0.00, 0.18, 0.14
HSL	82°, 36%, 79%
HSV	82°, 18%, 86%
XYZ	59.3876, 67.6444, 53.6422
YIQ	211.3680, 4.1750, -15.0970

Conversions

Conversions Part 2

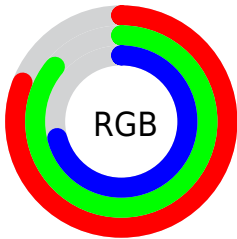
Format	Color
RYB	181, 220, 195
Decimal	13556917
CIELab	85.83, -11.46, 17.61
CIELCh	86, 21.009, 123.063
Yxy	67.6444, 0.3287, 0.3744
Android (android.graphics.Color)	4291746997 (0xFFCEDCB5)
YUV	211.3680, -14.9714, -4.7077
Hunter-Lab	82.2462, -15.0412, 18.9026

Details

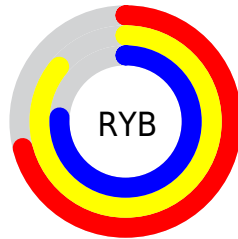
The Yxy color **67.6444, 0.3287, 0.3744** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8182, 0.2946, 0.2825**, and the grayscale version is **65.4981, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **35.1442, 0.3328, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **65.7121, 0.3375, 0.4020**, and if you desaturate by 10%, it is **69.7820, 0.3197, 0.3481**.

Distribution



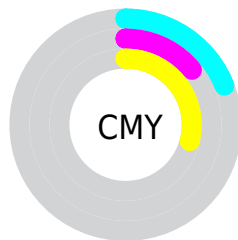
- Red (81%)
- Green (86%)
- Blue (71%)



- Red (71%)
- Yellow (86%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)





- Cyan (19%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6444, 0.3287, 0.3744 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 67.6444, 0.3287, 0.3744 by changing the saturation by 10% instead.


 67.6444, 0.3287,
0.3744

 67.6444, 0.3287,
0.3744

452.2351, 0.3215,
0.3527

 49.6085, 0.3303,
0.3795

 115.8433, 0.3262,
0.3667

 35.1024, 0.3323,
0.3860


146.7751, 0.3252,
0.3638

 23.7418, 0.3347,
0.3943

182.7742, 0.3244,
0.3612

 15.1422, 0.3377,
0.4054

224.2252, 0.3237,
0.3591

 8.9192, 0.3417,
0.4210

271.5124, 0.3230,
0.3572

 4.6885, 0.3468,
0.4443

325.0202, 0.3224,

 2.0657, 0.3553,

0.3555

385.1329, 0.3219,
0.3540

0.4856

0.6452, 0.3407,
0.6593

0.0000, 0.0000,
0.0000

67.6444, 0.3287,
0.3744

67.6444, 0.3287,
0.3744

65.7121, 0.3375,
0.4020

69.7820, 0.3197,
0.3481

63.9689, 0.3457,
0.4303

72.1231, 0.3107,
0.3236

62.4094, 0.3528,
0.4582

74.6773, 0.3020,
0.3010

61.0251, 0.3584,
0.4847

76.5160, 0.3024,
0.2937

■ 59.8064, 0.3618,
0.5084

■ 77.9101, 0.3078,
0.2943

■ 58.7423, 0.3630,
0.5281

■ 79.3650, 0.3132,
0.2949

■ 57.8203, 0.3616,
0.5430

■ 79.6689, 0.3143,
0.2950

■ 57.0234, 0.3579,
0.5528

■ 56.8538, 0.3570,
0.5548

Harmonies

Analogous

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



67.6444, 0.3511, 0.3722



67.6444, 0.3287, 0.3744



67.6444, 0.3027, 0.3630

Triad

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



67.6444, 0.3287, 0.3744



67.6444, 0.2644, 0.2971



67.6444, 0.3458, 0.3163

Complementary

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



67.6444, 0.3287, 0.3744



49.8182, 0.2946, 0.2825

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.



67.6444, 0.3213, 0.2982



67.6444, 0.3287, 0.3744



67.6444, 0.2748, 0.2869

Square

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



67.6444, 0.3287, 0.3744



67.6444, 0.2663, 0.3168



67.6444, 0.2953, 0.2876



67.6444, 0.3615, 0.3380

Rectangle

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



67.6444, 0.3287, 0.3744



67.6444, 0.2868, 0.3492



67.6444, 0.2953, 0.2876



67.6444, 0.3383, 0.3097

Sweetspot

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



67.6474, 0.3287, 0.3744



98.3480, 0.3172, 0.3413



57.4272, 0.3441, 0.3449



21.0021, 0.3179, 0.3431



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.



67.6474, 0.3287, 0.3744



93.5528, 0.3318, 0.3838



65.0712, 0.3146, 0.3764



15.0180, 0.3212, 0.3525



33.4301, 0.3579, 0.5540



2.2136, 0.3680, 0.5460

Inverse Universe

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



49.8182, 0.2946, 0.2825



64.5244, 0.2905, 0.2726



52.5350, 0.3100, 0.2846



12.8435, 0.3037, 0.3052



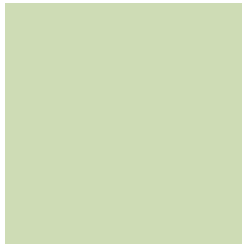
4.0648, 0.1786, 0.0757



0.3109, 0.1969, 0.0859

Previews

White Background



This preview shows how the Yxy color 67.6444, 0.3287, 0.3744 looks on a white background.

Color Contrast Check

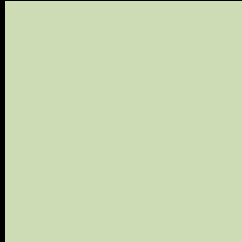
Large Text (above 18pt) WCAG AA × Fail

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 67.6444, 0.3287, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

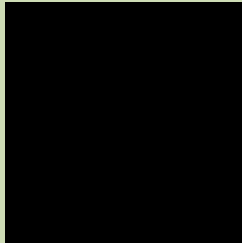
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

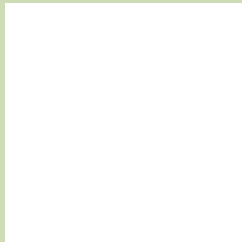
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6444, 0.3287, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 67.6444, 0.3287, 0.3744.



This preview shows how white text looks on a background with the Yxy color 67.6444, 0.3287, 0.3744.

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

67.6444, 0.3287, 0.3744

Protanopia

67.4762, 0.3472, 0.3693

Deuteranopia

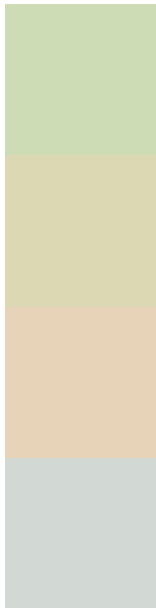
67.1961, 0.3606, 0.3525



Tritanopia

67.4478, 0.3014, 0.3103

Trichromacy



Original Color

67.6444, 0.3287, 0.3744

Protanomaly

67.4265, 0.3406, 0.3710

Deuteranomaly

66.9964, 0.3482, 0.3600

Tritanomaly

67.5668, 0.3111, 0.3335

Monochromacy



Original Color

67.6444, 0.3287, 0.3744

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8186, 0.3186, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6444, 0.3287, 0.3744 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(206, 220, 181)` looks like.

```
.text, #text, p{  
    color:rgb(206, 220, 181)  
}
```

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(206, 220, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 220, 181) }
```

Border

The CSS property to change the border of an element to Yxy 67.6444, 0.3287, 0.3744 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(206, 220, 181) }
```

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

```
.border{ border-color:rgb(206, 220, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 220, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 220, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 220, 181);  
box-shadow:4px 4px 4px 4px rgb(206, 220,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6444, 0.3287, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 220, 181) }
```

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

```
.background{ background-color: rgb(206,  
220, 181) }
```

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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