

Converting Colors

$Yxy(66.3278, 0.3253, 0.3801)$

Have a look what the booklet for
Yxy(66.3278, 0.3253, 0.3801)
contains.

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Color

Yxy(66.3665, 0.3254, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	C6DCB1
RGB	198, 220, 177
RGB Percent	78%, 86%, 69%
CMY	0.2236, 0.1372, 0.3058
CMYK	0.10, 0.00, 0.20, 0.14
HSL	91°, 38%, 78%
HSV	91°, 20%, 86%
XYZ	56.8157, 66.3665, 51.4205
YIQ	208.5200, 0.6910, -18.0370

Conversions

Conversions Part 2

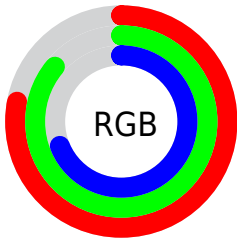
Format	Color
RYB	177, 220, 199
Decimal	13032625
CIELab	85.18, -14.94, 18.71
CIELCh	85, 23.941, 128.617
Yxy	66.3665, 0.3254, 0.3801
Android (android.graphics.Color)	4291222705 (0xFFC6DCB1)
YUV	208.5200, -15.5394, -9.2260
Hunter-Lab	81.4656, -18.0755, 19.6025

Details

The Yxy color **66.3665, 0.3254, 0.3801** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.7688, 0.2977, 0.2781**, and the grayscale version is **63.5349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **34.2948, 0.3284, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **64.0863, 0.3315, 0.4090**, and if you desaturate by 10%, it is **68.9079, 0.3189, 0.3529**.

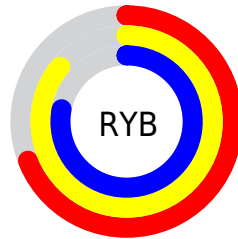
Distribution



Red (78%)

Green (86%)

Blue (69%)



Red (69%)

Yellow (86%)

Blue (78%)

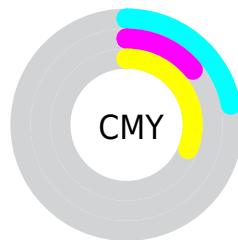


Cyan (10%)

Magenta (0%)

Yellow (20%)

Black (14%)



Cyan (22%)


Magenta (14%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3665, 0.3254, 0.3801 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 66.3665, 0.3254, 0.3801 by changing the saturation by 10% instead.


 66.3665, 0.3254,
0.3801

 66.3665, 0.3254,
0.3801


447.6865, 0.3198,
0.3554

 48.5700, 0.3266,
0.3860


 114.0122, 0.3235,
0.3713

 34.2785, 0.3280,
0.3934


144.6302, 0.3228,
0.3680

 23.1076, 0.3298,
0.4030


180.2907, 0.3221,
0.3651

 14.6730, 0.3319,
0.4159

221.3783, 0.3215,
0.3627

 8.5902, 0.3344,
0.4342

268.2773, 0.3210,
0.3605

 4.4749, 0.3372,
0.4619

321.3720, 0.3206,

 1.9426, 0.3447,

0.3586

381.0470, 0.3201,
0.3569

0.5164

0.5738, 0.2394,
0.7606

0.0000, 0.0000,
0.0000

66.3665, 0.3254,
0.3801

66.3665, 0.3254,
0.3801

64.0863, 0.3315,
0.4090

68.9079, 0.3189,
0.3529

62.0495, 0.3369,
0.4391


71.7106, 0.3124,
0.3279


60.2490, 0.3411,
0.4691


74.7857, 0.3060,
0.3052

58.6742, 0.3438,
0.4979


77.4785, 0.3061,
0.2941

 57.3134, 0.3446,
0.5239

 79.5469, 0.3139,
0.2950

 56.1537, 0.3432,
0.5455

 79.6708, 0.3143,
0.2950

 55.1799, 0.3396,
0.5616

 54.3687, 0.3344,
0.5724

 54.3341, 0.3342,
0.5729

Harmonies

Analogous

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



66.3665, 0.3525, 0.3802



66.3665, 0.3254, 0.3801



66.3665, 0.2958, 0.3642

Triad

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



66.3665, 0.3254, 0.3801



66.3665, 0.2588, 0.2893



66.3665, 0.3551, 0.3188

Complementary

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



66.3665, 0.3254, 0.3801



48.7688, 0.2977, 0.2781

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.



66.3665, 0.3281, 0.2972



66.3665, 0.3254, 0.3801



66.3665, 0.2729, 0.2802

Square

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



66.3665, 0.3254, 0.3801



66.3665, 0.2583, 0.3099



66.3665, 0.2979, 0.2833



66.3665, 0.3704, 0.3436

Rectangle

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



66.3665, 0.3254, 0.3801



66.3665, 0.2786, 0.3472



66.3665, 0.2979, 0.2833



66.3665, 0.3470, 0.3110

Sweetspot

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



66.3694, 0.3254, 0.3801



97.5968, 0.3167, 0.3439



59.0160, 0.3465, 0.3539



20.8355, 0.3171, 0.3456



0.0000, 0.0000, 0.0000



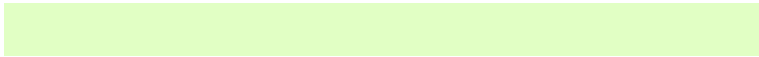
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3694, 0.3254, 0.3801



91.5209, 0.3277, 0.3905



63.7155, 0.3102, 0.3825



14.9163, 0.3189, 0.3526



31.9513, 0.3353, 0.5720



2.1211, 0.3478, 0.5621

Inverse Universe

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



48.7688, 0.2977, 0.2781



63.0915, 0.2944, 0.2678



51.8373, 0.3150, 0.2807



12.9435, 0.3061, 0.3054



5.1488, 0.2052, 0.0904



0.3848, 0.2228, 0.1001

Previews

White Background



This preview shows how the Yxy color 66.3665, 0.3254, 0.3801 looks on a white background.

Color Contrast Check

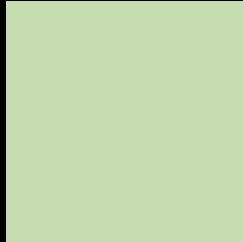
Large Text (above 18pt) WCAG AA × Fail

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 66.3665, 0.3254, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

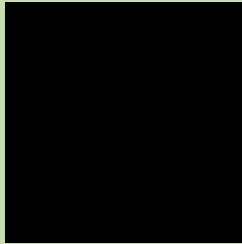
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

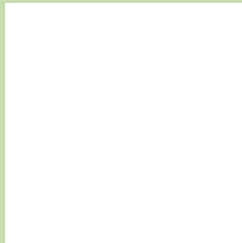
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3665, 0.3254, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 66.3665, 0.3254, 0.3801.



This preview shows how white text looks on a background with the Yxy color 66.3665, 0.3254, 0.3801.

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

66.3665, 0.3254, 0.3801

Protanopia

66.1116, 0.3505, 0.3729

Deuteranopia

65.7141, 0.3626, 0.3549



Tritanopia

66.4235, 0.2965, 0.3100

Trichromacy



Original Color

66.3665, 0.3254, 0.3801

Protanomaly

66.1039, 0.3413, 0.3762

Deuteranomaly

65.6788, 0.3482, 0.3638

Tritanomaly

66.5114, 0.3067, 0.3347

Monochromacy



Original Color

66.3665, 0.3254, 0.3801

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5989, 0.3178, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3665, 0.3254, 0.3801 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(198, 220, 177)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 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(198, 220, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 177) }
```

Border

The CSS property to change the border of an element to Yxy 66.3665, 0.3254, 0.3801 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(198, 220, 177) }
```

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

```
.border{ border-color:rgb(198, 220, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 220, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 220, 177); box-shadow:4px 4px 4px 4px rgb(198, 220, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3665, 0.3254, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 177) }
```

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

```
.background{ background-color: rgb(198,  
220, 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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