

Converting Colors

Yxy(64.0658, 0.3328, 0.3723)

Have a look what the booklet for
Yxy(64.0658, 0.3328, 0.3723)
contains.

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Color

Yxy(63.8846, 0.3325, 0.3715)

Conversions

Conversions Part 1

Format	Color
Hex	CED5B1
RGB	206, 213, 177
RGB Percent	81%, 84%, 69%
CMY	0.1922, 0.1647, 0.3060
CMYK	0.03, 0.00, 0.17, 0.16
HSL	72°, 30%, 76%
HSV	72°, 17%, 84%
XYZ	57.1780, 63.8846, 50.9013
YIQ	206.8030, 7.3840, -12.6800

Conversions

Conversions Part 2

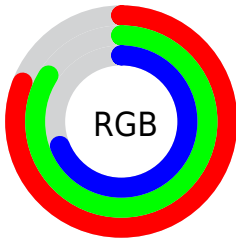
Format	Color
RYB	177, 213, 184
Decimal	13555121
CIELab	83.91, -8.54, 17.03
CIELCh	84, 19.052, 116.640
Yxy	63.8846, 0.3325, 0.3715
Android (android.graphics.Color)	4291745201 (0xFFCED5B1)
YUV	206.8030, -14.6929, -0.7042
Hunter-Lab	79.9278, -12.1801, 18.1912

Details

The Yxy color **63.8846, 0.3325, 0.3715** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4331, 0.2908, 0.2843**, and the grayscale version is **62.3551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **32.5844, 0.3380, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **62.5163, 0.3442, 0.3979**, and if you desaturate by 10%, it is **65.4068, 0.3207, 0.3459**.

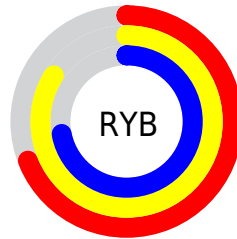
Distribution



Red (81%)

Green (84%)

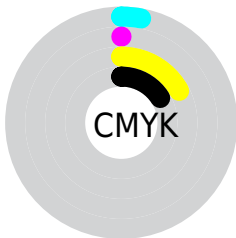
Blue (69%)



Red (69%)

Yellow (84%)

Blue (72%)

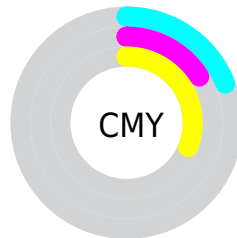


Cyan (3%)

Magenta (0%)

Yellow (17%)

Black (16%)



Cyan (19%)


Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8846, 0.3325, 0.3715 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 63.8846, 0.3325, 0.3715 by changing the saturation by 10% instead.

 63.8846, 0.3325,
0.3715

 63.8846, 0.3325,
0.3715


438.7728, 0.3233,
0.3510

 46.5572, 0.3346,
0.3764

 110.4447, 0.3293,
0.3642

 32.6858, 0.3372,
0.3825


140.4463, 0.3281,
0.3615

 21.8858, 0.3404,
0.3904


175.4413, 0.3270,
0.3591

 13.7730, 0.3446,
0.4011

215.8142, 0.3261,
0.3570

 7.9630, 0.3502,
0.4161

261.9494, 0.3253,
0.3553

 4.0713, 0.3578,
0.4387

314.2313, 0.3245,

 1.7135, 0.3761,

0.3537

0.4861

373.0443, 0.3239,
0.3523

0.4324, 0.3189,
0.6811

0.0000, 0.0000,
0.0000

63.8846, 0.3325,
0.3715

63.8846, 0.3325,
0.3715

62.5163, 0.3442,
0.3979

65.4068, 0.3207,
0.3459

61.2873, 0.3554,
0.4243

67.0804, 0.3092,
0.3217

60.1936, 0.3656,
0.4499

68.9137, 0.2982,
0.2991

59.2278, 0.3742,
0.4736

70.4403, 0.2921,
0.2852

■ 58.3820, 0.3807,
0.4942

■ 71.1072, 0.2950,
0.2855

■ 57.6468, 0.3848,
0.5109

■ 71.7903, 0.2978,
0.2859

■ 57.0117, 0.3863,
0.5231

■ 72.4899, 0.3007,
0.2863

■ 56.4626, 0.3854,
0.5307

■ 73.2060, 0.3036,
0.2867

■ 56.3030, 0.3849,
0.5326

■ 73.9387, 0.3065,
0.2870

Harmonies

Analogous

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



63.8846, 0.3516, 0.3671



63.8846, 0.3325, 0.3715



63.8846, 0.3086, 0.3635

Triad

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



63.8846, 0.3325, 0.3715



63.8846, 0.2673, 0.3028



63.8846, 0.3390, 0.3133

Complementary

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



63.8846, 0.3325, 0.3715



46.4331, 0.2908, 0.2843

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.



63.8846, 0.3154, 0.2977



63.8846, 0.3325, 0.3715



63.8846, 0.2746, 0.2912

Square

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



63.8846, 0.3325, 0.3715



63.8846, 0.2716, 0.3225



63.8846, 0.2920, 0.2896



63.8846, 0.3556, 0.3331

Rectangle

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



63.8846, 0.3325, 0.3715



63.8846, 0.2932, 0.3521



63.8846, 0.2920, 0.2896



63.8846, 0.3316, 0.3074

Sweetspot

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



63.8874, 0.3325, 0.3715



98.7370, 0.3186, 0.3413



51.4310, 0.3436, 0.3370



21.0968, 0.3194, 0.3431



0.0000, 0.0000, 0.0000



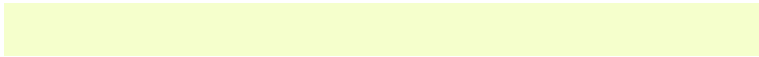
21.4041, 0.3127, 0.3290

Same Dimension

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



63.8874, 0.3325, 0.3715



95.3008, 0.3364, 0.3801



61.5093, 0.3190, 0.3733



14.3919, 0.3237, 0.3522



34.4310, 0.3854, 0.5322



2.1087, 0.3916, 0.5273

Inverse Universe

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



46.4331, 0.2908, 0.2843



64.6946, 0.2859, 0.2746



48.7425, 0.3051, 0.2861



12.1242, 0.3011, 0.3051



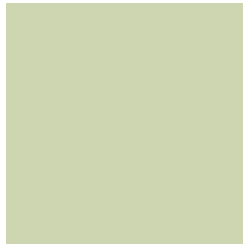
3.2635, 0.1598, 0.0654



0.2316, 0.1760, 0.0743

Previews

White Background



This preview shows how the Yxy color 63.8846, 0.3325, 0.3715 looks on a white background.

Color Contrast Check

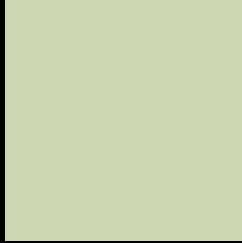
Large Text (above 18pt) WCAG AA × Fail

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 63.8846, 0.3325, 0.3715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

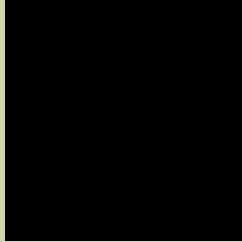
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

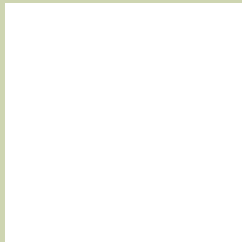
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.8846, 0.3325, 0.3715

Background



This preview shows how black text looks on a background with the Yxy color 63.8846, 0.3325, 0.3715.



This preview shows how white text looks on a background with the Yxy color 63.8846, 0.3325, 0.3715.

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

63.8846, 0.3325, 0.3715

Protanopia

64.0682, 0.3465, 0.3679

Deuteranopia

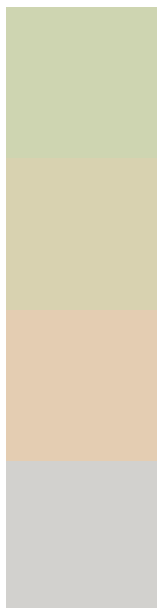
63.5532, 0.3609, 0.3531



Tritanopia

63.9504, 0.3054, 0.3111

Trichromacy



Original Color

63.8846, 0.3325, 0.3715

Protanomaly

63.8267, 0.3416, 0.3683

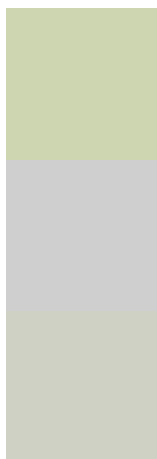
Deuteranomaly

63.3710, 0.3508, 0.3594

Tritanomaly

63.7588, 0.3156, 0.3324

Monochromacy



Original Color

63.8846, 0.3325, 0.3715

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.8518, 0.3203, 0.3442

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8846, 0.3325, 0.3715 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, 213, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 213, 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(206, 213, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 213, 177) }
```

Border

The CSS property to change the border of an element to Yxy 63.8846, 0.3325, 0.3715 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, 213, 177) }
```

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

```
.border{ border-color:rgb(206, 213, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 213, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 213, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 213, 177); box-shadow:4px 4px 4px 4px rgb(206, 213, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8846, 0.3325, 0.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 213, 177) }
```

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

```
.background{ background-color: rgb(206,  
213, 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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