

Converting Colors

$Yxy(65.5937, 0.3257, 0.3653)$

Have a look what the booklet for
Yxy(65.5937, 0.3257, 0.3653)
contains.

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Color

Yxy(65.5937, 0.3257, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	CDD8B9
RGB	205, 216, 185
RGB Percent	80%, 85%, 73%
CMY	0.1962, 0.1529, 0.2745
CMYK	0.05, 0.00, 0.14, 0.15
HSL	81°, 28%, 79%
HSV	81°, 14%, 85%
XYZ	58.4831, 65.5937, 55.4844
YIQ	209.1770, 3.3950, -11.9730

Conversions

Conversions Part 2

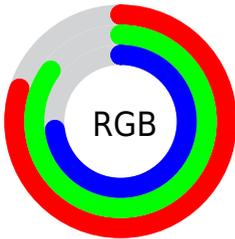
Format	Color
RYB	185, 216, 196
Decimal	13490361
CIELab	84.79, -9.16, 14.03
CIELCh	85, 16.753, 123.152
Yxy	65.5937, 0.3257, 0.3653
Android (android.graphics.Color)	4291680441 (0xFFCDD8B9)
YUV	209.1770, -11.9193, -3.6632
Hunter-Lab	80.9899, -12.8370, 16.0747

Details

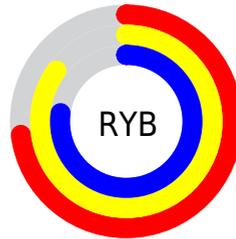
The Yxy color **65.5937, 0.3257, 0.3653** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.4071, 0.2984, 0.2920**, and the grayscale version is **63.9583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **33.7350, 0.3290, 0.3741** is the 20% darker color. If you saturate the color by 10%, you get **63.6842, 0.3347, 0.3925**, and if you desaturate by 10%, it is **67.7014, 0.3166, 0.3396**.

Distribution



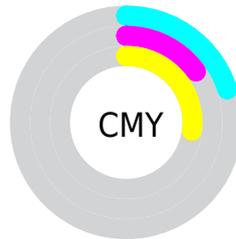
- Red (80%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (77%)



- Cyan (5%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.5937, 0.3257, 0.3653 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 65.5937, 0.3257, 0.3653 by changing the saturation by 10% instead.

 65.5937, 0.3257,
0.3653

 65.5937, 0.3257,
0.3653

444.9224, 0.3197,
0.3479

 47.9427, 0.3270,
0.3694

 112.9030, 0.3236,
0.3591

 33.7815, 0.3287,
0.3746

143.3300, 0.3228,
0.3568

 22.7258, 0.3308,
0.3813

178.7845, 0.3221,
0.3548

 14.3912, 0.3334,
0.3904

219.6508, 0.3215,
0.3530

 8.3932, 0.3370,
0.4031

266.3134, 0.3210,
0.3515

 4.3476, 0.3418,
0.4223

319.1566, 0.3205,

 1.8698, 0.3493,

0.3501

0.4554

378.5648, 0.3201,
0.3490

0.5301, 0.3458,
0.6542

0.0000, 0.0000,
0.0000

65.5937, 0.3257,
0.3653

65.5937, 0.3257,
0.3653

63.6842, 0.3347,
0.3925

67.7014, 0.3166,
0.3396

61.9574, 0.3432,
0.4206

70.0054, 0.3077,
0.3158

60.4086, 0.3507,
0.4487

72.5147, 0.2991,
0.2939

59.0298, 0.3569,
0.4757

74.1321, 0.3011,
0.2895

■ 57.8120, 0.3612,
0.5005

■ 75.4771, 0.3064,
0.2901

■ 56.7453, 0.3632,
0.5216

■ 76.8795, 0.3118,
0.2907

■ 55.8185, 0.3627,
0.5381

■ 77.5992, 0.3145,
0.2911

■ 55.0179, 0.3598,
0.5496

■ 54.6089, 0.3574,
0.5544

Harmonies

Analogous

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



65.5937, 0.3437, 0.3639



65.5937, 0.3257, 0.3653



65.5937, 0.3047, 0.3561

Triad

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



65.5937, 0.3257, 0.3653



65.5937, 0.2735, 0.3034



65.5937, 0.3394, 0.3189

Complementary

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



65.5937, 0.3257, 0.3653



51.4071, 0.2984, 0.2920

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.



65.5937, 0.3198, 0.3040



65.5937, 0.3257, 0.3653



65.5937, 0.2821, 0.2949

Square

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



65.5937, 0.3257, 0.3653



65.5937, 0.2750, 0.3193



65.5937, 0.2988, 0.2953



65.5937, 0.3519, 0.3366

Rectangle

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



65.5937, 0.3257, 0.3653



65.5937, 0.2918, 0.3452



65.5937, 0.2988, 0.2953



65.5937, 0.3334, 0.3134

Sweetspot

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



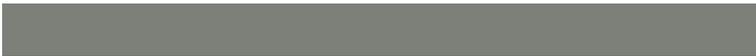
65.5966, 0.3257, 0.3653



98.6772, 0.3163, 0.3388



57.5233, 0.3374, 0.3417



21.0689, 0.3170, 0.3407



0.0000, 0.0000, 0.0000



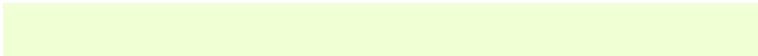
21.4041, 0.3127, 0.3290

Same Dimension

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



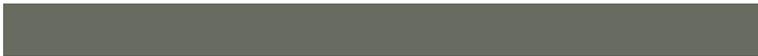
65.5966, 0.3257, 0.3653



94.7018, 0.3282, 0.3728



63.5266, 0.3143, 0.3666



14.2883, 0.3212, 0.3524



32.3806, 0.3584, 0.5537



1.9987, 0.3690, 0.5452

Inverse Universe

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



51.4071, 0.2984, 0.2920



70.4799, 0.2952, 0.2841



53.5654, 0.3106, 0.2933



12.2219, 0.3036, 0.3053



3.9237, 0.1783, 0.0756



0.2824, 0.1979, 0.0864

Previews

White Background



This preview shows how the Yxy color 65.5937, 0.3257, 0.3653 looks on a white background.

Color Contrast Check

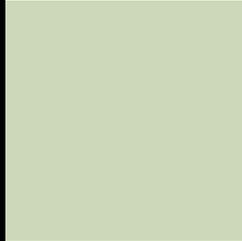
Large Text (above 18pt) WCAG AA × Fail

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 65.5937, 0.3257, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

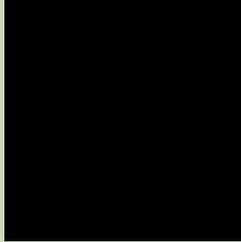
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

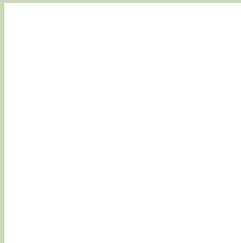
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.5937, 0.3257, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 65.5937, 0.3257, 0.3653.



This preview shows how white text looks on a background with the Yxy color 65.5937, 0.3257, 0.3653.

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

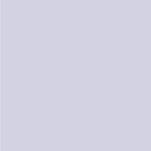
65.5937, 0.3257, 0.3653

Protanopia

65.4955, 0.3418, 0.3619

Deuteranopia

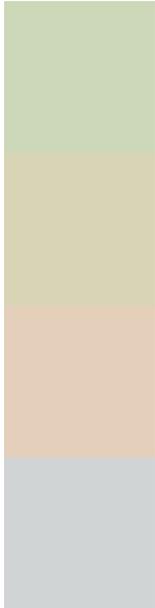
65.4744, 0.3547, 0.3475



Tritanopia

65.4881, 0.3019, 0.3101

Trichromacy



Original Color

65.5937, 0.3257, 0.3653

Protanomaly

65.6063, 0.3360, 0.3634

Deuteranomaly

65.1509, 0.3442, 0.3536

Tritanomaly

65.3957, 0.3105, 0.3290

Monochromacy



Original Color

65.5937, 0.3257, 0.3653

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6670, 0.3180, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5937, 0.3257, 0.3653 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(205, 216, 185)` looks like.

```
.text, #text, p{  
    color:rgb(205, 216, 185)  
}
```

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(205, 216, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 216, 185) }
```

Border

The CSS property to change the border of an element to Yxy 65.5937, 0.3257, 0.3653 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(205, 216, 185) }
```

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

```
.border{ border-color:rgb(205, 216, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 216, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 216, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 216, 185);  
box-shadow:4px 4px 4px 4px rgb(205, 216,  
185) }
```

Background

The CSS property to change the background color of an element to Yxy 65.5937, 0.3257, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 216, 185) }
```

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

```
.background{ background-color: rgb(205,  
216, 185) }
```

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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