

Converting Colors

$Yxy(69.5030, 0.3300, 0.3629)$

Have a look what the booklet for
Yxy(69.5030, 0.3300, 0.3629)
contains.

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Color

Yxy(69.5030, 0.3300, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	D8DCBE
RGB	216, 220, 190
RGB Percent	85%, 86%, 75%
CMY	0.1531, 0.1372, 0.2548
CMYK	0.02, 0.00, 0.14, 0.14
HSL	68°, 30%, 80%
HSV	68°, 14%, 86%
XYZ	63.2020, 69.5030, 58.8161
YIQ	215.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

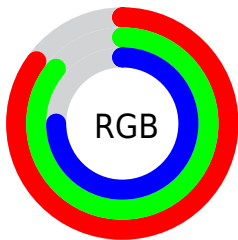
Format	Color
R_{YB}	190, 220, 194
Decimal	14212286
CIE _{Lab}	86.75, -6.48, 14.28
CIE _{LCh}	87, 15.680, 114.422
Yxy	69.5030, 0.3300, 0.3629
Android (android.graphics.Color)	4292402366 (0xFFD8DCBE)
YUV	215.3840, -12.5143, 0.5402
Hunter-Lab	83.3685, -10.5733, 16.5291

Details

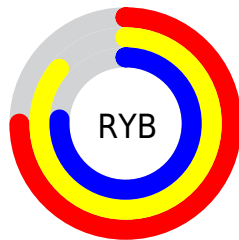
The Yxy color **69.5030, 0.3300, 0.3629** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.4872, 0.2940, 0.2934**, and the grayscale version is **68.3118, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **36.2935, 0.3336, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **68.1675, 0.3428, 0.3888**, and if you desaturate by 10%, it is **70.9980, 0.3173, 0.3378**.

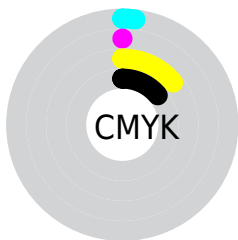
Distribution



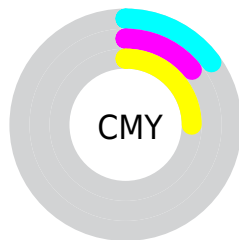
- Red (85%)
- Green (86%)
- Blue (75%)



- Red (75%)
- Yellow (86%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)





- Cyan (15%)
- Magenta (14%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5030, 0.3300, 0.3629 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 69.5030, 0.3300, 0.3629 by changing the saturation by 10% instead.


 69.5030, 0.3300,
0.3629

 69.5030, 0.3300,
0.3629


458.8030, 0.3220,
0.3469

 51.1215, 0.3318,
0.3666


 118.4997, 0.3272,
0.3573

 36.3053, 0.3340,
0.3713


149.8837, 0.3262,
0.3551

 24.6701, 0.3368,
0.3773


186.3706, 0.3253,
0.3532

 15.8314, 0.3404,
0.3852

228.3449, 0.3244,
0.3516

 9.4049, 0.3453,
0.3962

276.1908, 0.3237,
0.3502

 5.0062, 0.3521,
0.4125

330.2929, 0.3231,

 2.2509, 0.3621,

0.3490

0.4387

391.0355, 0.3225,
0.3479

0.7475, 0.4249,
0.5751

0.0000, 0.0000,
0.0000

69.5030, 0.3300,
0.3629

69.5030, 0.3300,
0.3629

68.1675, 0.3428,
0.3888

70.9980, 0.3173,
0.3378

66.9758, 0.3554,
0.4148

72.6494, 0.3049,
0.3140


65.9240, 0.3670,
0.4400

74.3993, 0.2938,
0.2928

65.0044, 0.3773,
0.4634

74.8799, 0.2958,
0.2930


 64.2086, 0.3857,
0.4840

 75.3689, 0.2978,
0.2932

 63.5272, 0.3917,
0.5007


 75.8662, 0.2998,
0.2934

 62.9493, 0.3951,
0.5131

 76.3719, 0.3018,
0.2937

 62.4617, 0.3959,
0.5209

 76.8861, 0.3038,
0.2939

 62.1844, 0.3955,
0.5242

 77.4087, 0.3058,
0.2941

Harmonies

Analogous

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



69.5030, 0.3447, 0.3589



69.5030, 0.3300, 0.3629



69.5030, 0.3110, 0.3572

Triad

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



69.5030, 0.3300, 0.3629



69.5030, 0.2761, 0.3092



69.5030, 0.3325, 0.3153

Complementary

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



69.5030, 0.3300, 0.3629



53.4872, 0.2940, 0.2934

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.



69.5030, 0.3135, 0.3030



69.5030, 0.3300, 0.3629



69.5030, 0.2814, 0.2991

Square

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



69.5030, 0.3300, 0.3629



69.5030, 0.2802, 0.3253



69.5030, 0.2949, 0.2970



69.5030, 0.3463, 0.3312

Rectangle

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



69.5030, 0.3300, 0.3629



69.5030, 0.2985, 0.3485



69.5030, 0.2949, 0.2970



69.5030, 0.3265, 0.3106

Sweetspot

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



69.5060, 0.3300, 0.3629



99.1004, 0.3178, 0.3388



57.5327, 0.3370, 0.3337



21.1762, 0.3187, 0.3407



0.0000, 0.0000, 0.0000



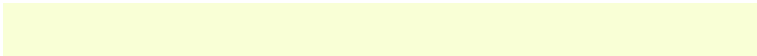
21.4041, 0.3127, 0.3290

Same Dimension

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



69.5060, 0.3300, 0.3629



96.6167, 0.3332, 0.3693



67.3326, 0.3190, 0.3641



15.1702, 0.3246, 0.3522



36.5265, 0.3959, 0.5239



2.3915, 0.3999, 0.5207

Inverse Universe

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



53.4872, 0.2940, 0.2934



70.5836, 0.2902, 0.2862



55.5662, 0.3056, 0.2946



12.7009, 0.3002, 0.3050



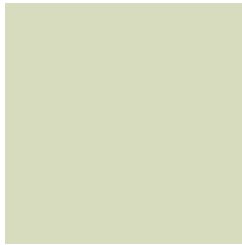
3.2193, 0.1554, 0.0630



0.2364, 0.1675, 0.0696

Previews

White Background



This preview shows how the Yxy color 69.5030, 0.3300, 0.3629 looks on a white background.

Color Contrast Check

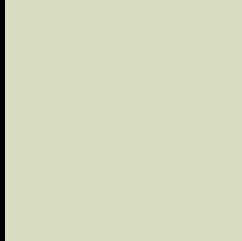
Large Text (above 18pt) WCAG AA × Fail

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 69.5030, 0.3300, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

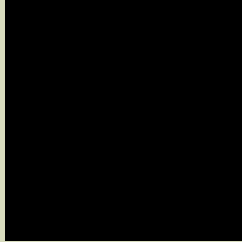
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

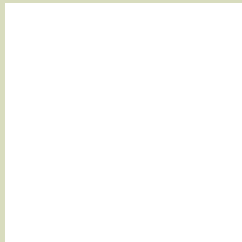
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.5030, 0.3300, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 69.5030, 0.3300, 0.3629.



This preview shows how white text looks on a background with the Yxy color 69.5030, 0.3300, 0.3629.

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

69.5030, 0.3300, 0.3629

Protanopia

69.2366, 0.3412, 0.3600

Deuteranopia

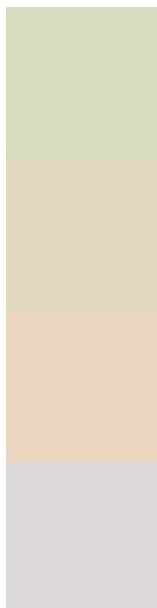
69.1809, 0.3545, 0.3470



Tritanopia

69.3923, 0.3071, 0.3107

Trichromacy



Original Color

69.5030, 0.3300, 0.3629

Protanomaly

69.1471, 0.3372, 0.3602

Deuteranomaly

69.1830, 0.3458, 0.3529

Tritanomaly

69.2852, 0.3156, 0.3290

Monochromacy



Original Color

69.5030, 0.3300, 0.3629

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.5290, 0.3187, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5030, 0.3300, 0.3629 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(216, 220, 190)` looks like.

```
.text, #text, p{  
    color:rgb(216, 220, 190)  
}
```

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(216, 220, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 220, 190) }
```

Border

The CSS property to change the border of an element to Yxy 69.5030, 0.3300, 0.3629 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(216, 220, 190) }
```

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

```
.border{ border-color:rgb(216, 220, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 220, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 220, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 220, 190);  
box-shadow:4px 4px 4px 4px rgb(216, 220,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5030, 0.3300, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 220, 190) }
```

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

```
.background{ background-color: rgb(216,  
220, 190) }
```

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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