

Converting Colors

Yxy(66.3059, 0.3221, 0.3581)

Have a look what the booklet for
Yxy(66.3059, 0.3221, 0.3581)
contains.

Yxy(66.5091, 0.3223, 0.3592)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.5091, 0.3223, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	CED9BF
RGB	206, 217, 191
RGB Percent	81%, 85%, 75%
CMY	0.1920, 0.1490, 0.2510
CMYK	0.05, 0.00, 0.12, 0.15
HSL	85°, 25%, 80%
HSV	85°, 12%, 85%
XYZ	59.6767, 66.5091, 58.9731
YIQ	210.7470, 1.7900, -10.4180

Conversions

Conversions Part 2

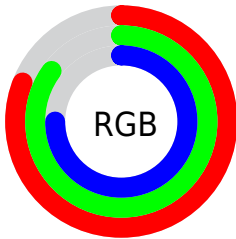
Format	Color
RYB	191, 217, 202
Decimal	13556159
CIELab	85.26, -8.30, 11.55
CIELCh	85, 14.223, 125.698
Yxy	66.5091, 0.3223, 0.3592
Android (android.graphics.Color)	4291746239 (0xFFCED9BF)
YUV	210.7470, -9.7353, -4.1631
Hunter-Lab	81.5531, -12.1000, 14.2131

Details

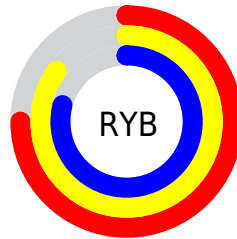
The Yxy color **66.5091, 0.3223, 0.3592** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.8135, 0.3022, 0.2985**, and the grayscale version is **65.0348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **34.3510, 0.3244, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **64.3555, 0.3302, 0.3864**, and if you desaturate by 10%, it is **68.8862, 0.3143, 0.3338**.

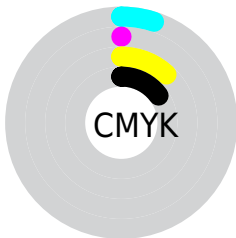
Distribution



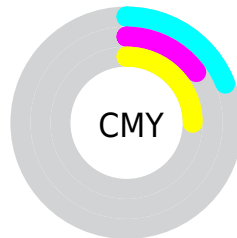
- Red (81%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (79%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)




- Cyan (19%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5091, 0.3223, 0.3592 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 66.5091, 0.3223, 0.3592 by changing the saturation by 10% instead.


 66.5091, 0.3223,
0.3592

 66.5091, 0.3223,
0.3592

448.1954, 0.3179,
0.3448

 48.6858, 0.3233,
0.3626


 114.2167, 0.3208,
0.3541

 34.3703, 0.3245,
0.3669


144.8698, 0.3202,
0.3521

 23.1782, 0.3260,
0.3724

180.5683, 0.3197,
0.3505

 14.7252, 0.3280,
0.3798

221.6966, 0.3192,
0.3490

 8.6267, 0.3307,
0.3902

268.6390, 0.3188,
0.3478

 4.4985, 0.3343,
0.4059

321.7801, 0.3185,

 1.9562, 0.3395,

0.3467

0.4323

381.5040, 0.3182,
0.3457

■ 0.5818, 0.3759,
0.6241

■ 0.0000, 0.0000,
0.0000

■ 66.5091, 0.3223,
0.3592

■ 66.5091, 0.3223,
0.3592

■ 64.3555, 0.3302,
0.3864

■ 68.8862, 0.3143,
0.3338

■ 62.4091, 0.3377,
0.4149

■ 71.4851, 0.3064,
0.3105

■ 60.6649, 0.3444,
0.4439

■ 74.2453, 0.2996,
0.2903

■ 59.1144, 0.3499,
0.4724

■ 75.8281, 0.3058,
0.2910

■ 57.7481, 0.3535,
0.4990

■ 77.4917, 0.3122,
0.2918

■ 56.5558, 0.3551,
0.5223

■ 78.1037, 0.3145,
0.2920

■ 55.5258, 0.3542,
0.5412

■ 54.6444, 0.3510,
0.5548

■ 54.0276, 0.3473,
0.5625

Harmonies

Analogous

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



66.5091, 0.3378, 0.3589



66.5091, 0.3223, 0.3592



66.5091, 0.3045, 0.3507

Triad

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



66.5091, 0.3223, 0.3592



66.5091, 0.2798, 0.3065



66.5091, 0.3365, 0.3217

Complementary

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



66.5091, 0.3223, 0.3592



54.8135, 0.3022, 0.2985

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.



66.5091, 0.3203, 0.3087



66.5091, 0.3223, 0.3592



66.5091, 0.2877, 0.2998

Square

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



66.5091, 0.3223, 0.3592



66.5091, 0.2803, 0.3196



66.5091, 0.3024, 0.3007



66.5091, 0.3463, 0.3368

Rectangle

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



66.5091, 0.3223, 0.3592



66.5091, 0.2938, 0.3413



66.5091, 0.3024, 0.3007



66.5091, 0.3316, 0.3169

Sweetspot

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



66.5120, 0.3223, 0.3592



98.5545, 0.3159, 0.3389



60.6702, 0.3327, 0.3415



21.0378, 0.3165, 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.



66.5120, 0.3223, 0.3592



95.1687, 0.3240, 0.3649



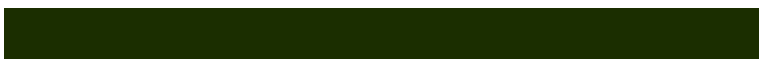
64.7422, 0.3128, 0.3601



14.9764, 0.3203, 0.3525



32.7702, 0.3482, 0.5617



2.1733, 0.3595, 0.5527

Inverse Universe

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



54.8135, 0.3022, 0.2985



75.5896, 0.3002, 0.2927



56.6860, 0.3124, 0.2995



12.8839, 0.3046, 0.3053



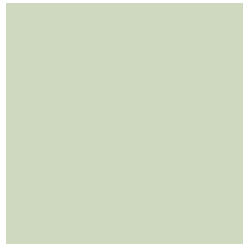
4.4510, 0.1884, 0.0812



0.3383, 0.2069, 0.0913

Previews

White Background



This preview shows how the Yxy color 66.5091, 0.3223, 0.3592 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 66.5091, 0.3223, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

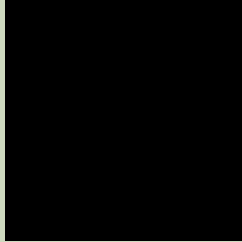
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

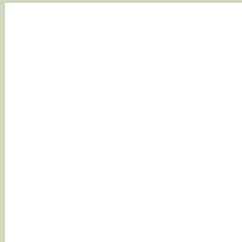
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5091, 0.3223, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 66.5091, 0.3223, 0.3592.



This preview shows how white text looks on a background with the Yxy color 66.5091, 0.3223, 0.3592.

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

66.5091, 0.3223, 0.3592

Protanopia

66.2474, 0.3372, 0.3561

Deuteranopia

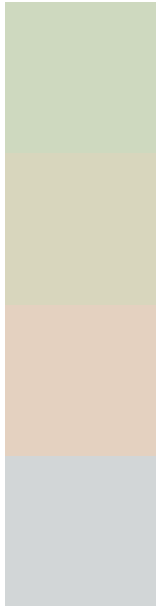
66.0382, 0.3490, 0.3420



Tritanopia

66.6855, 0.3020, 0.3113

Trichromacy



Original Color

66.5091, 0.3223, 0.3592

Protanomaly

66.3662, 0.3316, 0.3575

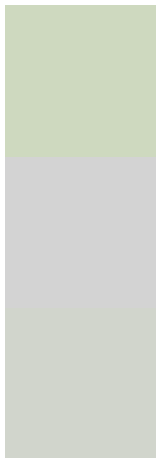
Deuteranomaly

65.9007, 0.3395, 0.3479

Tritanomaly

66.7011, 0.3091, 0.3279

Monochromacy



Original Color

66.5091, 0.3223, 0.3592

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.5034, 0.3159, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5091, 0.3223, 0.3592 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, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(206, 217, 191)  
}
```

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, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 66.5091, 0.3223, 0.3592 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, 217, 191) }
```

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

```
.border{ border-color:rgb(206, 217, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 217, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(206, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5091, 0.3223, 0.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 217, 191) }
```

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

```
.background{ background-color: rgb(206,  
217, 191) }
```

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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