

Converting Colors

Yxy(62.9423, 0.3222, 0.3500)

Have a look what the booklet for
Yxy(62.9423, 0.3222, 0.3500)
contains.

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Color

Yxy(63.0208, 0.3223, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	CED2C0
RGB	206, 210, 192
RGB Percent	81%, 82%, 75%
CMY	0.1921, 0.1765, 0.2471
CMYK	0.02, 0.00, 0.09, 0.18
HSL	73°, 17%, 79%
HSV	73°, 9%, 82%
XYZ	58.0166, 63.0208, 58.9706
YIQ	206.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

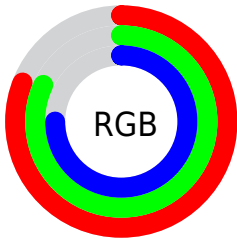
Format	Color
RYB	192, 210, 196
Decimal	13554368
CIELab	83.45, -4.54, 8.45
CIELCh	83, 9.588, 118.257
Yxy	63.0208, 0.3223, 0.3501
Android (android.graphics.Color)	4291744448 (0xFFCED2C0)
YUV	206.7520, -7.2727, -0.6595
Hunter-Lab	79.3856, -8.4736, 11.5271

Details

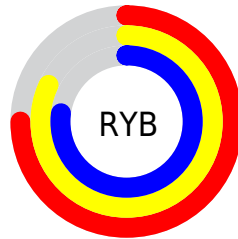
The Yxy color **63.0208, 0.3223, 0.3501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0827, 0.3026, 0.3074**, and the grayscale version is **62.2774, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **32.3164, 0.3244, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **61.5022, 0.3336, 0.3759**, and if you desaturate by 10%, it is **64.6974, 0.3111, 0.3256**.

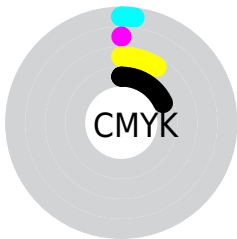
Distribution



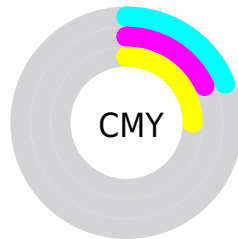
- Red (81%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0208, 0.3223, 0.3501 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 63.0208, 0.3223, 0.3501 by changing the saturation by 10% instead.


 63.0208, 0.3223,
0.3501

 63.0208, 0.3223,
0.3501

435.6450, 0.3178,
0.3400

 45.8580, 0.3233,
0.3525


 109.1995, 0.3207,
0.3465

 32.1338, 0.3247,
0.3555


138.9843, 0.3201,
0.3451

 21.4637, 0.3263,
0.3594


173.7451, 0.3196,
0.3440

 13.4634, 0.3285,
0.3647

213.8665, 0.3191,
0.3430

 7.7484, 0.3316,
0.3721

259.7328, 0.3187,
0.3421

 3.9344, 0.3360,
0.3835

311.7283, 0.3184,

 1.6369, 0.3432,

0.3413

0.4027

370.2376, 0.3181,
0.3406

0.3823, 0.3978,
0.6022

0.0000, 0.0000,
0.0000

63.0208, 0.3223,
0.3501

63.0208, 0.3223,
0.3501

61.5022, 0.3336,
0.3759

64.6974, 0.3111,
0.3256

60.1277, 0.3448,
0.4025

66.5291, 0.3004,
0.3028

58.8937, 0.3554,
0.4292

68.5240, 0.2903,
0.2817

57.7937, 0.3648,
0.4549

69.2600, 0.2934,
0.2822

■ 56.8204, 0.3727,
0.4786

■ 70.0160, 0.2966,
0.2826

■ 55.9658, 0.3784,
0.4992

■ 70.7924, 0.2999,
0.2830

■ 55.2206, 0.3816,
0.5158

■ 71.5896, 0.3031,
0.2835

■ 54.5744, 0.3823,
0.5277

■ 72.4075, 0.3064,
0.2839

■ 54.0105, 0.3806,
0.5353

■ 73.2464, 0.3097,
0.2844

Harmonies

Analogous

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



63.0208, 0.3320, 0.3486



63.0208, 0.3223, 0.3501



63.0208, 0.3102, 0.3457

Triad

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



63.0208, 0.3223, 0.3501



63.0208, 0.2895, 0.3156



63.0208, 0.3266, 0.3215

Complementary

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



63.0208, 0.3223, 0.3501



54.0827, 0.3026, 0.3074

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.



63.0208, 0.3149, 0.3131



63.0208, 0.3223, 0.3501



63.0208, 0.2936, 0.3096

Square

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



63.0208, 0.3223, 0.3501



63.0208, 0.2914, 0.3254



63.0208, 0.3029, 0.3088



63.0208, 0.3345, 0.3320

Rectangle

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



63.0208, 0.3223, 0.3501



63.0208, 0.3024, 0.3400



63.0208, 0.3029, 0.3088



63.0208, 0.3229, 0.3184

Sweetspot

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



63.0235, 0.3223, 0.3501



99.1972, 0.3161, 0.3363



56.9399, 0.3270, 0.3336



21.1872, 0.3170, 0.3383



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.



63.0235, 0.3223, 0.3501



97.4098, 0.3240, 0.3540



61.7829, 0.3155, 0.3505



13.6601, 0.3232, 0.3522



32.9440, 0.3809, 0.5358



1.8754, 0.3883, 0.5299

Inverse Universe

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



54.0827, 0.3026, 0.3074



81.2229, 0.3007, 0.3033



55.3143, 0.3096, 0.3079



11.5421, 0.3016, 0.3052



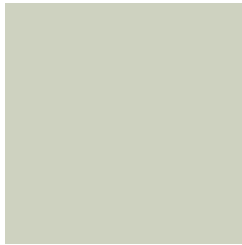
3.2366, 0.1622, 0.0667



0.2170, 0.1807, 0.0769

Previews

White Background



This preview shows how the Yxy color 63.0208, 0.3223, 0.3501 looks on a white background.

Color Contrast Check

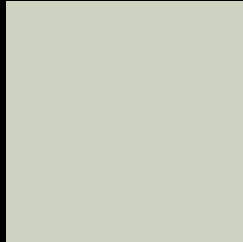
Large Text (above 18pt) WCAG AA × Fail

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 63.0208, 0.3223, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

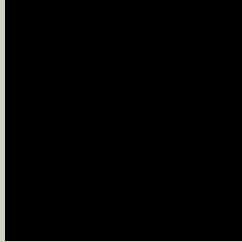
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

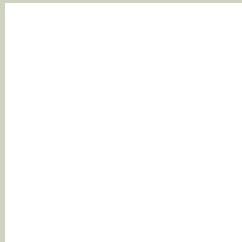
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.0208, 0.3223, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 63.0208, 0.3223, 0.3501.



This preview shows how white text looks on a background with the Yxy color 63.0208, 0.3223, 0.3501.

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

63.0208, 0.3223, 0.3501

Protanopia

62.9423, 0.3319, 0.3486

Deuteranopia

62.9920, 0.3434, 0.3368



Tritanopia

63.1182, 0.3046, 0.3110

Trichromacy



Original Color

63.0208, 0.3223, 0.3501

Protanomaly

62.8704, 0.3279, 0.3487

Deuteranomaly

62.7240, 0.3356, 0.3415

Tritanomaly

62.8841, 0.3114, 0.3244

Monochromacy



Original Color

63.0208, 0.3223, 0.3501

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

62.6414, 0.3162, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0208, 0.3223, 0.3501 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, 210, 192) looks like.

```
.text, #text, p{  
    color:rgb(206, 210, 192)  
}
```

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, 210, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 210, 192) }
```

Border

The CSS property to change the border of an element to Yxy 63.0208, 0.3223, 0.3501 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, 210, 192) }
```

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

```
.border{ border-color:rgb(206, 210, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 210, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 210, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 210, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 210,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0208, 0.3223, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 210, 192) }
```

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

```
.background{ background-color: rgb(206,  
210, 192) }
```

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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