

Converting Colors

$Y_{xy}(52.2795, 0.3200, 0.3678)$

Have a look what the booklet for
Yxy(52.2795, 0.3200, 0.3678)
contains.

Yxy(52.3062, 0.3204, 0.3681)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.3062, 0.3204, 0.3681)

Conversions

Conversions Part 1

Format	Color
Hex	B3C5A7
RGB	179, 197, 167
RGB Percent	70%, 77%, 65%
CMY	0.2981, 0.2274, 0.3450
CMYK	0.09, 0.00, 0.15, 0.23
HSL	96°, 21%, 71%
HSV	96°, 15%, 77%
XYZ	45.5281, 52.3062, 44.2635
YIQ	188.1980, -1.0980, -13.1460

Conversions

Conversions Part 2

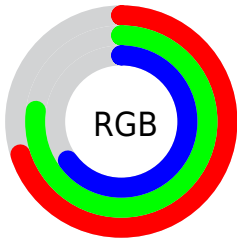
Format	Color
RYB	167, 197, 185
Decimal	11781543
CIELab	77.46, -11.64, 12.99
CIELCh	77, 17.442, 131.880
Yxy	52.3062, 0.3204, 0.3681
Android (android.graphics.Color)	4289971623 (0xFFB3C5A7)
YUV	188.1980, -10.4506, -8.0666
Hunter-Lab	72.3230, -14.1976, 14.3392

Details

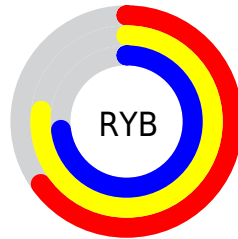
The Yxy color **52.3062, 0.3204, 0.3681** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.9967, 0.3039, 0.2906**, and the grayscale version is **50.4681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8197, 0.3193, 0.3615**, and **25.3183, 0.3221, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **50.2830, 0.3252, 0.3966**, and if you desaturate by 10%, it is **54.5663, 0.3154, 0.3418**.

Distribution



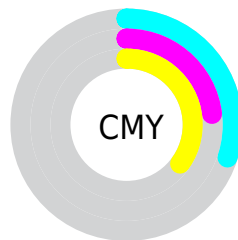
- Red (70%)
- Green (77%)
- Blue (65%)



- Red (65%)
- Yellow (77%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



- Cyan (30%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3062, 0.3204, 0.3681 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 52.3062, 0.3204, 0.3681 by changing the saturation by 10% instead.

 52.3062, 0.3204,
0.3681


 52.3062, 0.3204,
0.3681


395.6176, 0.3168,
0.3485

 37.2492, 0.3212,
0.3730


 93.5827, 0.3192,
0.3610

 25.4005, 0.3222,
0.3793


 120.5709, 0.3187,
0.3583

 16.3757, 0.3234,
0.3877


152.3050, 0.3183,
0.3560

 9.7904, 0.3249,
0.3994

189.1694, 0.3179,
0.3541

 5.2602, 0.3268,
0.4168

231.5485, 0.3176,
0.3524

 2.4007, 0.3289,
0.4454

279.8266, 0.3173,

 0.8263, 0.3775,

0.3510

0.6225

334.3882, 0.3171,
0.3497

0.0000, 0.0000,
0.0000

52.3062, 0.3204,
0.3681

52.3062, 0.3204,
0.3681

50.2830, 0.3252,
0.3966

54.5663, 0.3154,
0.3418

48.4817, 0.3294,
0.4269

57.0640, 0.3103,
0.3179

46.8962, 0.3328,
0.4580


59.8089, 0.3053,
0.2965

45.5173, 0.3349,
0.4888


62.8079, 0.3005,
0.2774

44.3350, 0.3355,
0.5175


65.3712, 0.3030,
0.2700


 43.3384, 0.3342,
0.5426

 67.4924, 0.3117,
0.2716

 42.5154, 0.3310,
0.5624

 68.4173, 0.3154,
0.2722

 41.8515, 0.3262,
0.5761

 41.5795, 0.3237,
0.5812

Harmonies

Analogous

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



52.3062, 0.3423, 0.3699



52.3062, 0.3204, 0.3681



52.3062, 0.2971, 0.3546

Triad

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



52.3062, 0.3204, 0.3681



52.3062, 0.2705, 0.2965



52.3062, 0.3479, 0.3232

Complementary

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



52.3062, 0.3204, 0.3681



41.9967, 0.3039, 0.2906

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.



52.3062, 0.3275, 0.3053



52.3062, 0.3204, 0.3681



52.3062, 0.2830, 0.2900

Square

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



52.3062, 0.3204, 0.3681



52.3062, 0.2689, 0.3121



52.3062, 0.3037, 0.2933



52.3062, 0.3586, 0.3431

Rectangle

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



52.3062, 0.3204, 0.3681



52.3062, 0.2838, 0.3410



52.3062, 0.3037, 0.2933



52.3062, 0.3419, 0.3168

Sweetspot

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



52.3085, 0.3204, 0.3681



97.7805, 0.3153, 0.3414



49.3659, 0.3375, 0.3518



20.8642, 0.3157, 0.3432



0.0000, 0.0000, 0.0000



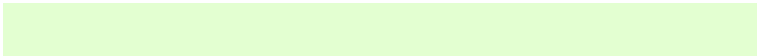
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3085, 0.3204, 0.3681



92.5239, 0.3219, 0.3766



51.0576, 0.3087, 0.3651



12.0907, 0.3175, 0.3525



27.3912, 0.3246, 0.5805



1.3389, 0.3416, 0.5670

Inverse Universe

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



41.9967, 0.3039, 0.2906



70.8235, 0.3018, 0.2824



43.4111, 0.3170, 0.2954



10.5976, 0.3075, 0.3058



5.2563, 0.2243, 0.1009



0.2902, 0.2444, 0.1120

Previews

White Background



This preview shows how the Yxy color 52.3062, 0.3204, 0.3681 looks on a white background.

Color Contrast Check

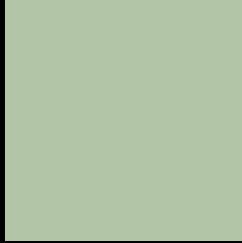
Large Text (above 18pt) WCAG AA × Fail

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 52.3062, 0.3204, 0.3681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

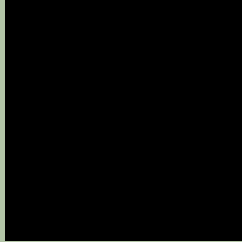
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

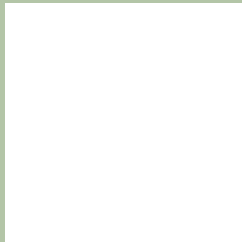
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3062, 0.3204, 0.3681

Background



This preview shows how black text looks on a background with the Yxy color 52.3062, 0.3204, 0.3681.



This preview shows how white text looks on a background with the Yxy color 52.3062, 0.3204, 0.3681.

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

52.3062, 0.3204, 0.3681

Protanopia

52.3594, 0.3422, 0.3626

Deuteranopia

51.9350, 0.3529, 0.3458



Tritanopia

52.0809, 0.2963, 0.3092

Trichromacy



Original Color

52.3062, 0.3204, 0.3681

Protanomaly

52.1940, 0.3342, 0.3645

Deuteranomaly

51.9563, 0.3403, 0.3537

Tritanomaly

52.0130, 0.3055, 0.3302

Monochromacy



Original Color

52.3062, 0.3204, 0.3681

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.8712, 0.3161, 0.3431

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3062, 0.3204, 0.3681 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(179, 197, 167)` looks like.

```
.text, #text, p{  
    color:rgb(179, 197, 167)  
}
```

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(179, 197, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 197, 167) }
```

Border

The CSS property to change the border of an element to Yxy 52.3062, 0.3204, 0.3681 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(179, 197, 167) }
```

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

```
.border{ border-color:rgb(179, 197, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 197, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 197, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 197, 167);  
box-shadow:4px 4px 4px 4px rgb(179, 197,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3062, 0.3204, 0.3681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 197, 167) }
```

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

```
.background{ background-color: rgb(179,  
197, 167) }
```

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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