

Converting Colors

Yxy(52.9603, 0.3164, 0.3534)

Have a look what the booklet for
Yxy(52.9603, 0.3164, 0.3534)
contains.

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Color

Yxy(52.7215, 0.3164, 0.3533)

Conversions

Conversions Part 1

Format	Color
Hex	B7C4B1
RGB	183, 196, 177
RGB Percent	72%, 77%, 69%
CMY	0.2821, 0.2314, 0.3058
CMYK	0.07, 0.00, 0.10, 0.23
HSL	101°, 14%, 73%
HSV	101°, 10%, 77%
XYZ	47.2151, 52.7215, 49.2893
YIQ	189.9470, -1.6490, -8.6650

Conversions

Conversions Part 2

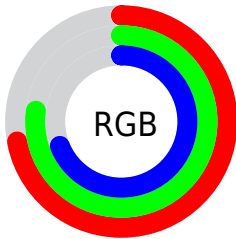
Format	Color
RYB	177, 196, 190
Decimal	12043441
CIELab	77.71, -7.93, 8.00
CIELCh	78, 11.270, 134.748
Yxy	52.7215, 0.3164, 0.3533
Android (android.graphics.Color)	4290233521 (0xFFB7C4B1)
YUV	189.9470, -6.3829, -6.0925
Hunter-Lab	72.6096, -10.9954, 10.5791

Details

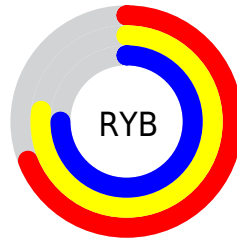
The Yxy color **52.7215, 0.3164, 0.3533** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.3750, 0.3087, 0.3051**, and the grayscale version is **51.5050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4845, 0.3155, 0.3490**, and **25.5471, 0.3177, 0.3604** is the 20% darker color. If you saturate the color by 10%, you get **50.4358, 0.3200, 0.3810**, and if you desaturate by 10%, it is **55.2795, 0.3126, 0.3282**.

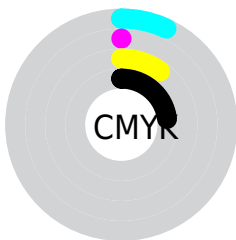
Distribution



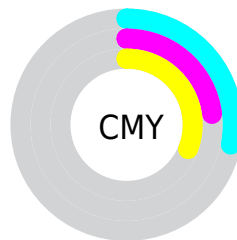
- Red (72%)
- Green (77%)
- Blue (69%)



- Red (69%)
- Yellow (77%)
- Blue (75%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)





- Cyan (28%)
- Magenta (23%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.7215, 0.3164, 0.3533 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 52.7215, 0.3164, 0.3533 by changing the saturation by 10% instead.

 52.7215, 0.3164,
0.3533

 52.7215, 0.3164,
0.3533

397.2157, 0.3147,
0.3412

 37.5805, 0.3168,
0.3563


 94.1944, 0.3158,
0.3489

 25.6573, 0.3173,
0.3601


121.2951, 0.3156,
0.3473

 16.5674, 0.3179,
0.3652


153.1512, 0.3154,
0.3459

 9.9265, 0.3187,
0.3723

190.1470, 0.3152,
0.3447

 5.3503, 0.3197,
0.3827

232.6670, 0.3150,
0.3437

 2.4542, 0.3211,
0.3998

281.0955, 0.3149,

 0.8536, 0.3355,

0.3428

0.4636

335.8169, 0.3148,
0.3419

0.0000, 0.0000,
0.0000

52.7215, 0.3164,
0.3533

52.7215, 0.3164,
0.3533

50.4358, 0.3200,
0.3810

55.2795, 0.3126,
0.3282

48.4065, 0.3233,
0.4109

58.1115, 0.3088,
0.3058

46.6262, 0.3260,
0.4425

61.2281, 0.3050,
0.2859

45.0847, 0.3277,
0.4747

64.6107, 0.3017,
0.2688

43.7711, 0.3281,
0.5060

66.9895, 0.3116,
0.2705

■ 42.6733, 0.3271,
0.5344

■ 67.9546, 0.3154,
0.2712

■ 41.7781, 0.3246,
0.5582

■ 41.0706, 0.3205,
0.5758

■ 40.5276, 0.3157,
0.5873

Harmonies

Analogous

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



52.7215, 0.3307, 0.3554



52.7215, 0.3164, 0.3533



52.7215, 0.3014, 0.3441

Triad

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



52.7215, 0.3164, 0.3533



52.7215, 0.2858, 0.3074



52.7215, 0.3363, 0.3267

Complementary

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



52.7215, 0.3164, 0.3533



46.3750, 0.3087, 0.3051

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.



52.7215, 0.3238, 0.3145



52.7215, 0.3164, 0.3533



52.7215, 0.2946, 0.3035

Square

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



52.7215, 0.3164, 0.3533



52.7215, 0.2839, 0.3172



52.7215, 0.3085, 0.3061



52.7215, 0.3424, 0.3396

Rectangle

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



52.7215, 0.3164, 0.3533



52.7215, 0.2930, 0.3354



52.7215, 0.3085, 0.3061



52.7215, 0.3327, 0.3224

Sweetspot

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



52.7238, 0.3164, 0.3533



98.5416, 0.3139, 0.3364



51.5904, 0.3278, 0.3448



21.0102, 0.3142, 0.3384



0.0000, 0.0000, 0.0000



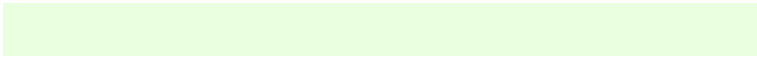
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7238, 0.3164, 0.3533



94.4406, 0.3173, 0.3600



52.1259, 0.3093, 0.3495



11.4110, 0.3163, 0.3525



26.0756, 0.3164, 0.5870



1.1642, 0.3346, 0.5726

Inverse Universe

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



46.3750, 0.3087, 0.3051



80.2049, 0.3075, 0.2987



47.0265, 0.3164, 0.3094



10.0815, 0.3088, 0.3060



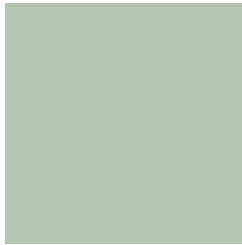
5.8430, 0.2426, 0.1110



0.2880, 0.2606, 0.1209

Previews

White Background



This preview shows how the Yxy color 52.7215, 0.3164, 0.3533 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 52.7215, 0.3164, 0.3533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

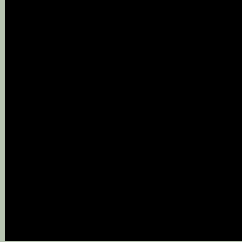
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.7215, 0.3164, 0.3533

Background



This preview shows how black text looks on a background with the Yxy color 52.7215, 0.3164, 0.3533.



This preview shows how white text looks on a background with the Yxy color 52.7215, 0.3164, 0.3533.

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

52.7215, 0.3164, 0.3533

Protanopia

52.4597, 0.3325, 0.3501

Deuteranopia

52.3997, 0.3433, 0.3362



Tritanopia

52.8956, 0.2986, 0.3106

Trichromacy



Original Color

52.7215, 0.3164, 0.3533

Protanomaly

52.5725, 0.3264, 0.3516

Deuteranomaly

52.3061, 0.3331, 0.3425

Tritanomaly

52.5646, 0.3049, 0.3252

Monochromacy



Original Color

52.7215, 0.3164, 0.3533

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7669, 0.3139, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7215, 0.3164, 0.3533 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(183, 196, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 196, 177)  
}
```

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(183, 196, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 196, 177) }
```

Border

The CSS property to change the border of an element to Yxy 52.7215, 0.3164, 0.3533 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(183, 196, 177) }
```

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

```
.border{ border-color:rgb(183, 196, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 196, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 196, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 196, 177); box-shadow:4px 4px 4px 4px rgb(183, 196, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7215, 0.3164, 0.3533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 196, 177) }
```

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

```
.background{ background-color: rgb(183,  
196, 177) }
```

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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