

Converting Colors

$Yxy(52.8445, 0.3262, 0.3542)$

Have a look what the booklet for
Yxy(52.8445, 0.3262, 0.3542)
contains.

Yxy(52.8460, 0.3262, 0.3542)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.8460, 0.3262, 0.3542)

Conversions

Conversions Part 1

Format	Color
Hex	C0C2AE
RGB	192, 194, 174
RGB Percent	75%, 76%, 68%
CMY	0.2471, 0.2392, 0.3176
CMYK	0.01, 0.00, 0.10, 0.24
HSL	66°, 14%, 72%
HSV	66°, 10%, 76%
XYZ	48.6685, 52.8460, 47.6837
YIQ	191.1220, 5.2280, -6.6440

Conversions

Conversions Part 2

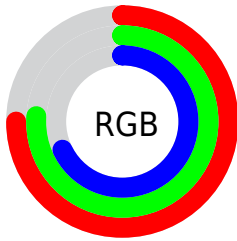
Format	Color
RYB	174, 194, 176
Decimal	12632750
CIELab	77.78, -4.23, 9.82
CIELCh	78, 10.689, 113.308
Yxy	52.8460, 0.3262, 0.3542
Android (android.graphics.Color)	4290822830 (0xFFC0C2AE)
YUV	191.1220, -8.4411, 0.7700
Hunter-Lab	72.6953, -7.7135, 11.9960

Details

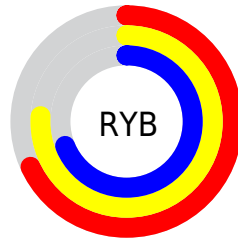
The Yxy color $52.8460, 0.3262, 0.3542$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.4045, 0.2985, 0.3028$, and the grayscale version is $52.2230, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.9848, 0.3239, 0.3498$, and $25.5646, 0.3289, 0.3598$ is the 20% darker color. If you saturate the color by 10%, you get $51.8915, 0.3395, 0.3795$, and if you desaturate by 10%, it is $53.9178, 0.3131, 0.3297$.

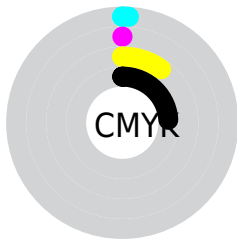
Distribution



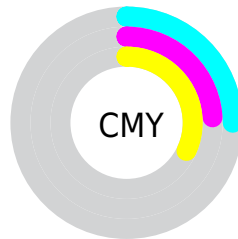
- Red (75%)
- Green (76%)
- Blue (68%)



- Red (68%)
- Yellow (76%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8460, 0.3262, 0.3542 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 52.8460, 0.3262, 0.3542 by changing the saturation by 10% instead.

■ 52.8460, 0.3262,
0.3542

■ 52.8460, 0.3262,
0.3542

397.6940, 0.3197,
0.3418

■ 37.6798, 0.3278,
0.3573

■ 94.3777, 0.3239,
0.3497

■ 25.7343, 0.3298,
0.3612

121.5121, 0.3230,
0.3480

■ 16.6250, 0.3324,
0.3663

153.4046, 0.3222,
0.3466

■ 9.9675, 0.3359,
0.3734

190.4398, 0.3216,
0.3453

■ 5.3774, 0.3409,
0.3839

233.0019, 0.3210,
0.3443

■ 2.4704, 0.3486,
0.4007

281.4753, 0.3205,

■ 0.8617, 0.3913,

0.3433

0.4710

336.2446, 0.3200,
0.3425

0.0000, 0.0000,
0.0000

52.8460, 0.3262,
0.3542

52.8460, 0.3262,
0.3542

51.8915, 0.3395,
0.3795

53.9178, 0.3131,
0.3297

51.0428, 0.3527,
0.4051

55.1044, 0.3005,
0.3066

50.2970, 0.3653,
0.4301

56.4122, 0.2887,
0.2850

49.6488, 0.3767,
0.4536

57.8452, 0.2777,
0.2651

49.0923, 0.3864,
0.4745

58.3325, 0.2769,
0.2621

■ 48.6208, 0.3939,
0.4920

■ 58.6069, 0.2783,
0.2623

■ 48.2269, 0.3989,
0.5052

■ 58.8849, 0.2796,
0.2626

■ 47.9015, 0.4013,
0.5141

■ 59.1663, 0.2810,
0.2628

■ 47.6350, 0.4017,
0.5193

■ 59.4512, 0.2824,
0.2631

Harmonies

Analogous

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



52.8460, 0.3369, 0.3512



52.8460, 0.3262, 0.3542



52.8460, 0.3121, 0.3501

Triad

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



52.8460, 0.3262, 0.3542



52.8460, 0.2852, 0.3147



52.8460, 0.3270, 0.3183

Complementary

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



52.8460, 0.3262, 0.3542



43.4045, 0.2985, 0.3028

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.



52.8460, 0.3129, 0.3091



52.8460, 0.3262, 0.3542



52.8460, 0.2889, 0.3068

Square

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



52.8460, 0.3262, 0.3542



52.8460, 0.2886, 0.3269



52.8460, 0.2990, 0.3049



52.8460, 0.3374, 0.3304

Rectangle

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



52.8460, 0.3262, 0.3542



52.8460, 0.3026, 0.3439



52.8460, 0.2990, 0.3049



52.8460, 0.3225, 0.3148

Sweetspot

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



52.8483, 0.3262, 0.3542



97.1256, 0.3167, 0.3363



45.5810, 0.3304, 0.3316



21.2342, 0.3177, 0.3383



0.0000, 0.0000, 0.0000



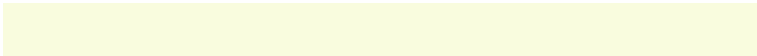
21.4041, 0.3127, 0.3290

Same Dimension

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



52.8483, 0.3262, 0.3542



95.3981, 0.3287, 0.3589



51.5894, 0.3180, 0.3548



11.7051, 0.3250, 0.3519



31.3364, 0.4019, 0.5191



1.3691, 0.4060, 0.5158

Inverse Universe

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



43.4045, 0.2985, 0.3028



75.4241, 0.2956, 0.2976



44.6113, 0.3070, 0.3034



9.7955, 0.2998, 0.3053



2.6729, 0.1539, 0.0621



0.1322, 0.1668, 0.0693

Previews

White Background



This preview shows how the Yxy color 52.8460, 0.3262, 0.3542 looks on a white background.

Color Contrast Check

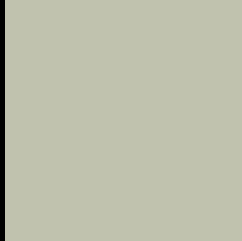
Large Text (above 18pt) WCAG AA × Fail

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 52.8460, 0.3262, 0.3542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

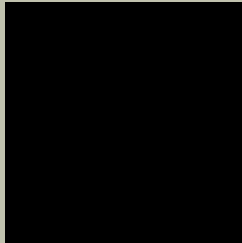
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

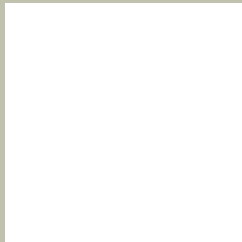
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8460, 0.3262, 0.3542

Background



This preview shows how black text looks on a background with the Yxy color 52.8460, 0.3262, 0.3542.



This preview shows how white text looks on a background with the Yxy color 52.8460, 0.3262, 0.3542.

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

52.8460, 0.3262, 0.3542

Protanopia

52.9958, 0.3340, 0.3525

Deuteranopia

52.5842, 0.3476, 0.3397



Tritanopia

52.9705, 0.3063, 0.3109

Trichromacy



Original Color

52.8460, 0.3262, 0.3542

Protanomaly

53.0274, 0.3313, 0.3539

Deuteranomaly

52.4715, 0.3400, 0.3448

Tritanomaly

52.7587, 0.3137, 0.3253

Monochromacy



Original Color

52.8460, 0.3262, 0.3542

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2784, 0.3172, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8460, 0.3262, 0.3542 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(192, 194, 174)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 174)  
}
```

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(192, 194, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 174) }
```

Border

The CSS property to change the border of an element to Yxy 52.8460, 0.3262, 0.3542 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(192, 194, 174) }
```

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

```
.border{ border-color:rgb(192, 194, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 194, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 194, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 194, 174); box-shadow:4px 4px 4px 4px rgb(192, 194, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8460, 0.3262, 0.3542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 174) }
```

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

```
.background{ background-color: rgb(192,  
194, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor