

Converting Colors

$Yxy(52.1380, 0.3274, 0.3524)$

Have a look what the booklet for
Yxy(52.1380, 0.3274, 0.3524)
contains.

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Color

Yxy(52.0927, 0.3273, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	C1C0AE
RGB	193, 192, 174
RGB Percent	76%, 75%, 68%
CMY	0.2432, 0.2470, 0.3176
CMYK	0.00, 0.01, 0.10, 0.24
HSL	57°, 13%, 72%
HSV	57°, 10%, 76%
XYZ	48.4786, 52.0927, 47.5455
YIQ	190.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

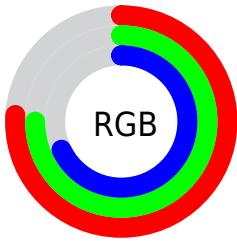
Format	Color
RYB	175, 193, 174
Decimal	12697774
CIELab	77.34, -2.82, 9.19
CIELCh	77, 9.614, 107.056
Yxy	52.0927, 0.3273, 0.3517
Android (android.graphics.Color)	4290887854 (0xFFC1C0AE)
YUV	190.2470, -8.0098, 2.4144
Hunter-Lab	72.1753, -6.4119, 11.4654

Details

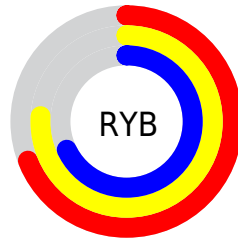
The Yxy color **52.0927, 0.3273, 0.3517** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.4994, 0.2976, 0.3052**, and the grayscale version is **51.6865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9317, 0.3248, 0.3478**, and **25.3593, 0.3303, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **50.9627, 0.3427, 0.3754**, and if you desaturate by 10%, it is **53.3384, 0.3125, 0.3286**.

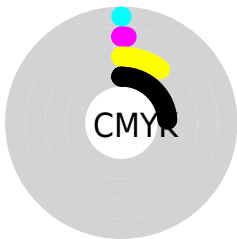
Distribution



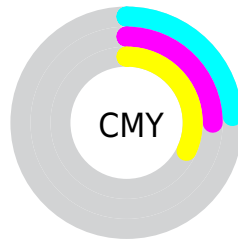
- Red (76%)
- Green (75%)
- Blue (68%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0927, 0.3273, 0.3517 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 52.0927, 0.3273, 0.3517 by changing the saturation by 10% instead.

■ 52.0927, 0.3273,
0.3517

■ 52.0927, 0.3273,
0.3517

394.7944, 0.3202,
0.3405

■ 37.0790, 0.3290,
0.3545

■ 93.2679, 0.3247,
0.3477

■ 25.2686, 0.3312,
0.3580

120.1982, 0.3238,
0.3461

■ 16.2773, 0.3341,
0.3626

151.8695, 0.3230,
0.3448

■ 9.7206, 0.3380,
0.3690

188.6662, 0.3222,
0.3437

■ 5.2141, 0.3436,
0.3784

230.9726, 0.3216,
0.3428

■ 2.3734, 0.3524,
0.3935

279.1732, 0.3211,

■ 0.8122, 0.4002,

0.3419

0.4623

333.6523, 0.3206,
0.3412

0.0000, 0.0000,
0.0000

52.0927, 0.3273,
0.3517

52.0927, 0.3273,
0.3517

50.9627, 0.3427,
0.3754

53.3384, 0.3125,
0.3286

49.9368, 0.3582,
0.3992

54.6971, 0.2985,
0.3066

49.0125, 0.3734,
0.4222

56.1753, 0.2854,
0.2861

48.1845, 0.3877,
0.4434

57.7769, 0.2734,
0.2670

47.4468, 0.4005,
0.4621

58.4669, 0.2712,
0.2643

■ 46.7930, 0.4113,
0.4772

■ 58.9174, 0.2713,
0.2655

■ 46.2158, 0.4195,
0.4882

■ 59.3707, 0.2714,
0.2666

■ 45.7065, 0.4251,
0.4948

■ 59.8271, 0.2715,
0.2677

■ 45.2483, 0.4285,
0.4979

■ 60.2864, 0.2716,
0.2689

Harmonies

Analogous

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



52.0927, 0.3359, 0.3478



52.0927, 0.3273, 0.3517



52.0927, 0.3149, 0.3493

Triad

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



52.0927, 0.3273, 0.3517



52.0927, 0.2879, 0.3182



52.0927, 0.3232, 0.3173

Complementary

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



52.0927, 0.3273, 0.3517



43.4994, 0.2976, 0.3052

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.



52.0927, 0.3101, 0.3097



52.0927, 0.3273, 0.3517



52.0927, 0.2900, 0.3100

Square

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



52.0927, 0.3273, 0.3517



52.0927, 0.2923, 0.3296



52.0927, 0.2980, 0.3070



52.0927, 0.3335, 0.3279

Rectangle

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



52.0927, 0.3273, 0.3517



52.0927, 0.3062, 0.3444



52.0927, 0.2980, 0.3070



52.0927, 0.3189, 0.3143

Sweetspot

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



52.0950, 0.3273, 0.3517



94.8113, 0.3172, 0.3359



44.7146, 0.3287, 0.3274



20.3010, 0.3184, 0.3378



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



52.0950, 0.3273, 0.3517



92.8266, 0.3309, 0.3573



51.4726, 0.3203, 0.3534



11.6670, 0.3266, 0.3506



30.1332, 0.4284, 0.4980



1.3295, 0.4262, 0.4998

Inverse Universe

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



43.4994, 0.2976, 0.3052



74.0479, 0.2937, 0.2991



44.0960, 0.3045, 0.3045



9.8289, 0.2983, 0.3064



2.7396, 0.1511, 0.0637



0.1475, 0.1549, 0.0774

Previews

White Background



This preview shows how the Yxy color 52.0927, 0.3273, 0.3517 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 52.0927, 0.3273, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

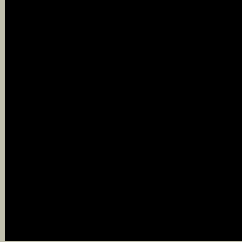
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

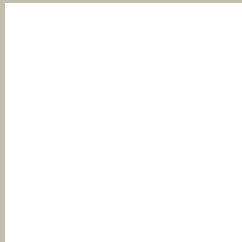
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0927, 0.3273, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 52.0927, 0.3273, 0.3517.



This preview shows how white text looks on a background with the Yxy color 52.0927, 0.3273, 0.3517.

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

52.0927, 0.3273, 0.3517

Protanopia

51.9862, 0.3335, 0.3502

Deuteranopia

51.8626, 0.3461, 0.3386



Tritanopia

52.1486, 0.3087, 0.3108

Trichromacy



Original Color

52.0927, 0.3273, 0.3517

Protanomaly

52.1491, 0.3316, 0.3515

Deuteranomaly

51.9012, 0.3393, 0.3437

Tritanomaly

51.9367, 0.3162, 0.3253

Monochromacy



Original Color

52.0927, 0.3273, 0.3517

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.7987, 0.3180, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0927, 0.3273, 0.3517 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(193, 192, 174)` looks like.

```
.text, #text, p{  
    color:rgb(193, 192, 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(193, 192, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 192, 174) }
```

Border

The CSS property to change the border of an element to Yxy 52.0927, 0.3273, 0.3517 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(193, 192, 174) }
```

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

```
.border{ border-color:rgb(193, 192, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 192, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 192, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 192, 174);  
box-shadow:4px 4px 4px 4px rgb(193, 192,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0927, 0.3273, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 192, 174) }
```

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

```
.background{ background-color: rgb(193,  
192, 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](#).

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