

Converting Colors

Yxy(52.4077, 0.3296, 0.3501)

Have a look what the booklet for
Yxy(52.4077, 0.3296, 0.3501)
contains.

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Color

Yxy(52.5302, 0.3291, 0.3503)

Conversions

Conversions Part 1

Format	Color
Hex	C4C0AF
RGB	196, 192, 175
RGB Percent	77%, 75%, 69%
CMY	0.2313, 0.2470, 0.3139
CMYK	0.00, 0.02, 0.11, 0.23
HSL	49°, 15%, 73%
HSV	49°, 11%, 77%
XYZ	49.3511, 52.5302, 48.0765
YIQ	191.2580, 7.8410, -4.4390

Conversions

Conversions Part 2

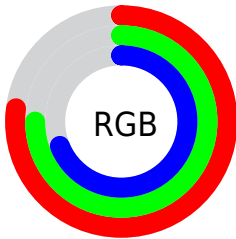
Format	Color
RYB	180, 196, 175
Decimal	12894383
CIELab	77.60, -1.56, 9.08
CIELCh	78, 9.211, 99.756
Yxy	52.5302, 0.3291, 0.3503
Android (android.graphics.Color)	4291084463 (0xFFC4C0AF)
YUV	191.2580, -8.0152, 4.1587
Hunter-Lab	72.4777, -5.2929, 11.4057

Details

The Yxy color $52.5302, 0.3291, 0.3503$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.3228, 0.2961, 0.3068$, and the grayscale version is $52.3024, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7870, 0.3262, 0.3457$, and $25.6461, 0.3327, 0.3560$ is the 20% darker color. If you saturate the color by 10%, you get $50.2007, 0.3454, 0.3709$, and if you desaturate by 10%, it is $55.0175, 0.3138, 0.3304$.

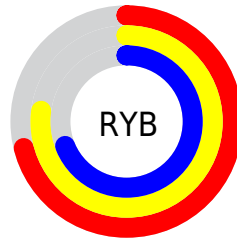
Distribution



Red (77%)

Green (75%)

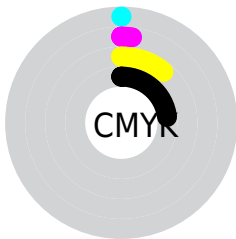
Blue (69%)



Red (71%)

Yellow (77%)

Blue (69%)

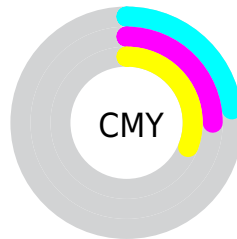


Cyan (0%)

Magenta (2%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5302, 0.3291, 0.3503 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 52.5302, 0.3291, 0.3503 by changing the saturation by 10% instead.

■ 52.5302, 0.3291,
0.3503

■ 52.5302, 0.3291,
0.3503

396.4801, 0.3211,
0.3398

■ 37.4279, 0.3310,
0.3529

■ 93.9127, 0.3262,
0.3465

■ 25.5389, 0.3335,
0.3561

120.9617, 0.3251,
0.3451

■ 16.4790, 0.3368,
0.3604

152.7616, 0.3242,
0.3439

■ 9.8638, 0.3412,
0.3663

189.6969, 0.3234,
0.3429

■ 5.3087, 0.3476,
0.3749

232.1521, 0.3227,
0.3419

■ 2.4295, 0.3576,
0.3887

280.5114, 0.3221,

■ 0.8410, 0.4042,

0.3412

0.4466

335.1592, 0.3216,
0.3405

0.0000, 0.0000,
0.0000

52.5302, 0.3291,
0.3503

52.5302, 0.3291,
0.3503

50.2007, 0.3454,
0.3709

55.0175, 0.3138,
0.3304

48.0172, 0.3626,
0.3917

57.6607, 0.2997,
0.3116

45.9763, 0.3801,
0.4120

60.4664, 0.2868,
0.2940

44.0723, 0.3974,
0.4309

63.4392, 0.2751,
0.2777

42.2988, 0.4138,
0.4474

65.3711, 0.2745,
0.2803

■ 40.6485, 0.4286,
0.4607

■ 67.2412, 0.2748,
0.2845

■ 39.1136, 0.4411,
0.4697

■ 69.1546, 0.2752,
0.2887

■ 37.6843, 0.4508,
0.4741

■ 71.1115, 0.2755,
0.2929

■ 36.4382, 0.4576,
0.4748

■ 73.1122, 0.2758,
0.2970

Harmonies

Analogous

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



52.5302, 0.3360, 0.3453



52.5302, 0.3291, 0.3503



52.5302, 0.3179, 0.3495

Triad

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



52.5302, 0.3291, 0.3503



52.5302, 0.2895, 0.3212



52.5302, 0.3198, 0.3157

Complementary

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



52.5302, 0.3291, 0.3503



45.3228, 0.2961, 0.3068

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.



52.5302, 0.3072, 0.3095



52.5302, 0.3291, 0.3503



52.5302, 0.2899, 0.3124

Square

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



52.5302, 0.3291, 0.3503



52.5302, 0.2951, 0.3324



52.5302, 0.2963, 0.3082



52.5302, 0.3306, 0.3253

Rectangle

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



52.5302, 0.3291, 0.3503



52.5302, 0.3095, 0.3457



52.5302, 0.2963, 0.3082



52.5302, 0.3156, 0.3132

Sweetspot

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



52.5325, 0.3291, 0.3503



98.5921, 0.3172, 0.3349



45.6446, 0.3280, 0.3237



21.0232, 0.3185, 0.3365



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.



52.5325, 0.3291, 0.3503



94.0883, 0.3330, 0.3553



53.4856, 0.3233, 0.3556



11.4221, 0.3269, 0.3475



23.5301, 0.4570, 0.4753



1.1025, 0.4472, 0.4832

Inverse Universe

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



45.3228, 0.2961, 0.3068



78.2986, 0.2921, 0.3012



44.4892, 0.3013, 0.3019



10.0512, 0.2983, 0.3098



3.5180, 0.1554, 0.0795



0.2475, 0.1665, 0.1195

Previews

White Background



This preview shows how the Yxy color 52.5302, 0.3291, 0.3503 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 52.5302, 0.3291, 0.3503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

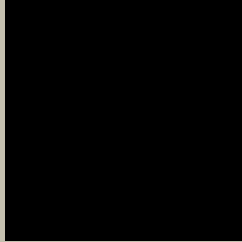
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

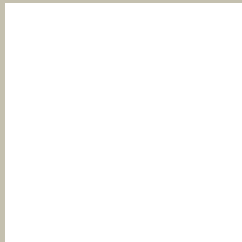
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5302, 0.3291, 0.3503

Background



This preview shows how black text looks on a background with the Yxy color 52.5302, 0.3291, 0.3503.



This preview shows how white text looks on a background with the Yxy color 52.5302, 0.3291, 0.3503.

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

52.5302, 0.3291, 0.3503

Protanopia

52.4597, 0.3325, 0.3501

Deuteranopia

52.4314, 0.3467, 0.3398



Tritanopia

52.5576, 0.3111, 0.3110

Trichromacy



Original Color

52.5302, 0.3291, 0.3503

Protanomaly

52.3234, 0.3317, 0.3502

Deuteranomaly

52.6563, 0.3400, 0.3436

Tritanomaly

52.3876, 0.3179, 0.3241

Monochromacy



Original Color

52.5302, 0.3291, 0.3503

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.1018, 0.3189, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5302, 0.3291, 0.3503 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(196, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 175)  
}
```

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(196, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 175) }
```

Border

The CSS property to change the border of an element to Yxy 52.5302, 0.3291, 0.3503 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(196, 192, 175) }
```

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

```
.border{ border-color:rgb(196, 192, 175) }
```

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

Here you see how a box with a 4 pixel rgb(196, 192, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 192,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5302, 0.3291, 0.3503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 175) }
```

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

```
.background{ background-color: rgb(196,  
192, 175) }
```

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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