

Converting Colors

Yxy(52.9654, 0.3500, 0.3511)

Have a look what the booklet for
Yxy(52.9654, 0.3500, 0.3511)
contains.

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Color

Yxy(53.1272, 0.3502, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	D6BCA9
RGB	214, 188, 169
RGB Percent	84%, 74%, 66%
CMY	0.1606, 0.2628, 0.3373
CMYK	0.00, 0.12, 0.21, 0.16
HSL	25°, 35%, 75%
HSV	25°, 21%, 84%
XYZ	52.8856, 53.1272, 45.0026
YIQ	193.6080, 21.5950, -0.3970

Conversions

Conversions Part 2

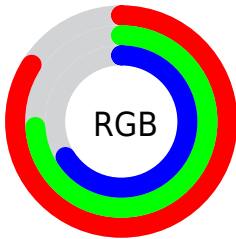
Format	Color
R_{YB}	214, 202, 169
Decimal	14073001
CIE _{Lab}	77.95, 6.29, 13.00
CIE _{LCh}	78, 14.446, 64.188
Yxy	53.1272, 0.3502, 0.3518
Android (android.graphics.Color)	4292263081 (0xFFD6BCA9)
YUV	193.6080, -12.1317, 17.8838
Hunter-Lab	72.8884, 1.9594, 14.4152

Details

The Yxy color **53.1272, 0.3502, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3467, 0.2799, 0.3051**, and the grayscale version is **53.7723, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3432, 0.3323, 0.3487**, and **25.9832, 0.3604, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **47.3259, 0.3724, 0.3633**, and if you desaturate by 10%, it is **59.5187, 0.3309, 0.3406**.

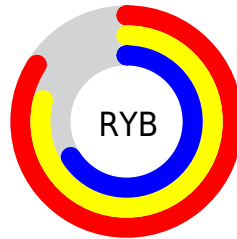
Distribution



Red (84%)

Green (74%)

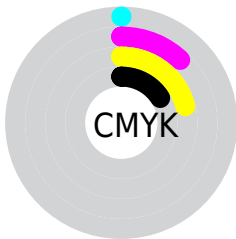
Blue (66%)



Red (84%)

Yellow (79%)

Blue (66%)

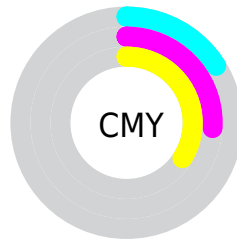


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (16%)



Cyan (16%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1272, 0.3502, 0.3518 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 53.1272, 0.3502, 0.3518 by changing the saturation by 10% instead.


 53.1272, 0.3502,
0.3518

 53.1272, 0.3502,
0.3518


398.7729, 0.3318,
0.3409

 37.9043, 0.3547,
0.3544


 94.7915, 0.3436,
0.3479

 25.9084, 0.3604,
0.3576


122.0017, 0.3411,
0.3465

 16.7552, 0.3679,
0.3618


153.9765, 0.3389,
0.3452

 10.0601, 0.3782,
0.3673

191.1003, 0.3371,
0.3441

 5.4388, 0.3930,
0.3749

233.7574, 0.3355,
0.3431

 2.5070, 0.4162,
0.3860

282.3323, 0.3341,

 0.8801, 0.5181,

0.3423

0.4565

337.2094, 0.3329,
0.3415

0.0000, 0.0000,
0.0000

53.1272, 0.3502,
0.3518

53.1272, 0.3502,
0.3518

47.3259, 0.3724,
0.3633

59.5187, 0.3309,
0.3406

42.0899, 0.3976,
0.3747

66.5100, 0.3143,
0.3301

37.4029, 0.4257,
0.3853

74.1198, 0.3000,
0.3202

33.2448, 0.4560,
0.3940

82.3636, 0.2877,
0.3112

29.5945, 0.4873,
0.3997

89.8274, 0.2881,
0.3237

■ 26.4286, 0.5177,
0.4010

■ 93.0428, 0.2883,
0.3289

■ 23.7213, 0.5447,
0.3970

■ 21.6555, 0.5651,
0.3895

Harmonies

Analogous

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



53.1272, 0.3492, 0.3367



53.1272, 0.3502, 0.3518



53.1272, 0.3409, 0.3615

Triad

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



53.1272, 0.3502, 0.3518



53.1272, 0.2878, 0.3375



53.1272, 0.3005, 0.2979

Complementary

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



53.1272, 0.3502, 0.3518



52.3467, 0.2799, 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.



53.1272, 0.2848, 0.2973



53.1272, 0.3502, 0.3518



53.1272, 0.2776, 0.3195

Square

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



53.1272, 0.3502, 0.3518



53.1272, 0.3047, 0.3535



53.1272, 0.2765, 0.3049



53.1272, 0.3200, 0.3062

Rectangle

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



53.1272, 0.3502, 0.3518



53.1272, 0.3303, 0.3632



53.1272, 0.2765, 0.3049



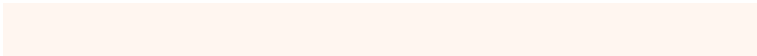
53.1272, 0.2946, 0.2968

Sweetspot

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



53.1296, 0.3502, 0.3518



93.5365, 0.3223, 0.3353



46.6313, 0.3311, 0.2979



19.8744, 0.3234, 0.3360



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.



53.1296, 0.3502, 0.3518



75.2410, 0.3592, 0.3566



63.4041, 0.3451, 0.3771



13.2727, 0.3281, 0.3389



13.2795, 0.5626, 0.3915



0.9628, 0.5320, 0.4158

Inverse Universe

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



52.3467, 0.2799, 0.3051



73.8836, 0.2732, 0.2996



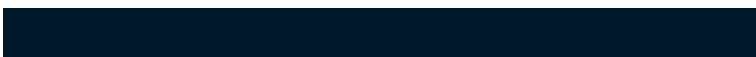
43.0850, 0.2779, 0.2759



13.1897, 0.2982, 0.3189



11.8244, 0.1849, 0.1856



0.8754, 0.1925, 0.2128

Previews

White Background



This preview shows how the Yxy color 53.1272, 0.3502, 0.3518 looks on a white background.

Color Contrast Check

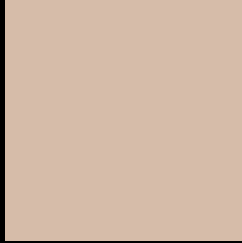
Large Text (above 18pt) WCAG AA × Fail

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 53.1272, 0.3502, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

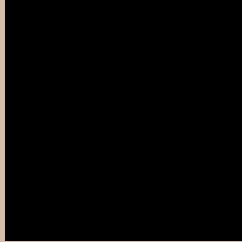
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1272, 0.3502, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 53.1272, 0.3502, 0.3518.



This preview shows how white text looks on a background with the Yxy color 53.1272, 0.3502, 0.3518.

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

53.1272, 0.3502, 0.3518

Protanopia

53.0571, 0.3365, 0.3550

Deuteranopia

53.1980, 0.3559, 0.3491



Tritanopia

53.2636, 0.3304, 0.3128

Trichromacy



Original Color

53.1272, 0.3502, 0.3518

Protanomaly

53.2857, 0.3417, 0.3547

Deuteranomaly

53.3106, 0.3539, 0.3504

Tritanomaly

53.0375, 0.3384, 0.3267

Monochromacy



Original Color

53.1272, 0.3502, 0.3518

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.6196, 0.3255, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1272, 0.3502, 0.3518 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(214, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 188, 169)  
}
```

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(214, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 188, 169) }
```

Border

The CSS property to change the border of an element to Yxy 53.1272, 0.3502, 0.3518 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(214, 188, 169) }
```

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

```
.border{ border-color:rgb(214, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 188,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1272, 0.3502, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 188, 169) }
```

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

```
.background{ background-color: rgb(214,  
188, 169) }
```

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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