

Converting Colors

$Yxy(50.1218, 0.3537, 0.3536)$

Have a look what the booklet for
Yxy(50.1218, 0.3537, 0.3536)
contains.

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Color

Yxy(50.2130, 0.3529, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	D2B7A3
RGB	210, 183, 163
RGB Percent	82%, 72%, 64%
CMY	0.1764, 0.2824, 0.3607
CMYK	0.00, 0.13, 0.22, 0.18
HSL	26°, 34%, 73%
HSV	26°, 22%, 82%
XYZ	50.1278, 50.2130, 41.7045
YIQ	188.7930, 22.5120, -0.4960

Conversions

Conversions Part 2

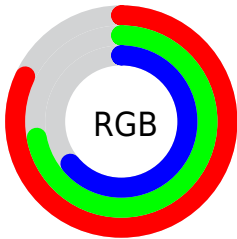
Format	Color
R _Y B	210, 198, 163
Decimal	13809571
CIE Lab	76.20, 6.56, 13.72
CIE LCh	76, 15.206, 64.452
Yxy	50.2130, 0.3529, 0.3535
Android (android.graphics.Color)	4291999651 (0xFFD2B7A3)
YUV	188.7930, -12.7159, 18.5985
Hunter-Lab	70.8611, 2.2655, 14.7084

Details

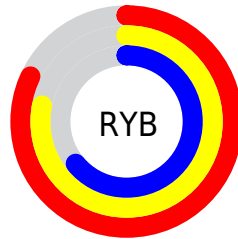
The Yxy color **50.2130, 0.3529, 0.3535** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2837, 0.2778, 0.3032**, and the grayscale version is **50.8315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0550, 0.3368, 0.3499**, and **24.0815, 0.3645, 0.3602** is the 20% darker color. If you saturate the color by 10%, you get **44.7552, 0.3754, 0.3651**, and if you desaturate by 10%, it is **56.2277, 0.3333, 0.3422**.

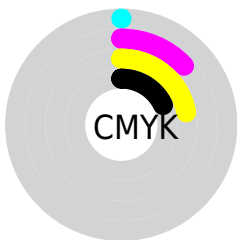
Distribution



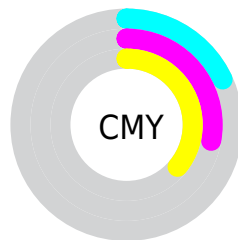
- Red (82%)
- Green (72%)
- Blue (64%)



- Red (82%)
- Yellow (78%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (18%)





- Cyan (18%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2130, 0.3529, 0.3535 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 50.2130, 0.3529, 0.3535 by changing the saturation by 10% instead.


 50.2130, 0.3529,
0.3535


 50.2130, 0.3529,
0.3535


387.4983, 0.3330,
0.3417

 35.5827, 0.3578,
0.3563


 90.4904, 0.3457,
0.3493

 24.1121, 0.3641,
0.3599


 116.9062, 0.3430,
0.3477

 15.4168, 0.3724,
0.3644


148.0194, 0.3407,
0.3463

 9.1124, 0.3839,
0.3705

184.2142, 0.3387,
0.3451

 4.8146, 0.4006,
0.3790

225.8751, 0.3370,
0.3441

 2.1389, 0.4270,
0.3912

273.3865, 0.3355,

 0.6864, 0.5421,

0.3432

0.4579

327.1328, 0.3341,
0.3424

0.0000, 0.0000,
0.0000

50.2130, 0.3529,
0.3535

50.2130, 0.3529,
0.3535

44.7552, 0.3754,
0.3651

56.2277, 0.3333,
0.3422

39.8305, 0.4009,
0.3765

62.8083, 0.3164,
0.3315

35.4234, 0.4292,
0.3870

69.9726, 0.3018,
0.3214

31.5150, 0.4595,
0.3955

77.7352, 0.2893,
0.3122

28.0850, 0.4906,
0.4007

85.2430, 0.2854,
0.3168

■ 25.1112, 0.5205,
0.4015

■ 92.4448, 0.2860,
0.3289

■ 22.5687, 0.5467,
0.3969

■ 20.8981, 0.5639,
0.3905

Harmonies

Analogous

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



50.2130, 0.3519, 0.3373



50.2130, 0.3529, 0.3535



50.2130, 0.3428, 0.3639

Triad

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



50.2130, 0.3529, 0.3535



50.2130, 0.2858, 0.3379



50.2130, 0.2998, 0.2958

Complementary

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



50.2130, 0.3529, 0.3535



49.2837, 0.2778, 0.3032

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.



50.2130, 0.2829, 0.2950



50.2130, 0.3529, 0.3535



50.2130, 0.2751, 0.3186

Square

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



50.2130, 0.3529, 0.3535



50.2130, 0.3039, 0.3552



50.2130, 0.2740, 0.3030



50.2130, 0.3207, 0.3047

Rectangle

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



50.2130, 0.3529, 0.3535



50.2130, 0.3313, 0.3657



50.2130, 0.2740, 0.3030



50.2130, 0.2935, 0.2945

Sweetspot

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



50.2153, 0.3529, 0.3535



92.5302, 0.3240, 0.3364



43.6395, 0.3324, 0.2959



19.6719, 0.3251, 0.3371



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.



50.2153, 0.3529, 0.3535



73.6275, 0.3636, 0.3592



60.5421, 0.3472, 0.3801



12.6227, 0.3280, 0.3389



12.9349, 0.5614, 0.3925



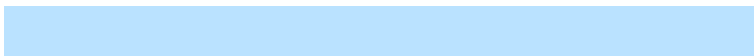
0.8790, 0.5291, 0.4181

Inverse Universe

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



49.2837, 0.2778, 0.3032



71.9230, 0.2700, 0.2967



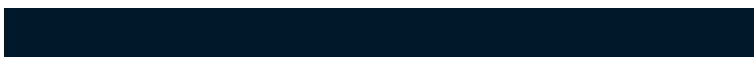
40.0528, 0.2755, 0.2721



12.5299, 0.2983, 0.3189



11.3410, 0.1846, 0.1845



0.7897, 0.1927, 0.2136

Previews

White Background



This preview shows how the Yxy color 50.2130, 0.3529, 0.3535 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 50.2130, 0.3529, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

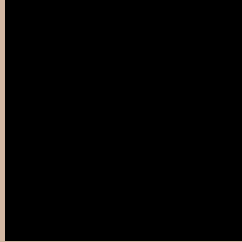
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2130, 0.3529, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 50.2130, 0.3529, 0.3535.



This preview shows how white text looks on a background with the Yxy color 50.2130, 0.3529, 0.3535.

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

50.2130, 0.3529, 0.3535

Protanopia

50.1276, 0.3388, 0.3568

Deuteranopia

50.1392, 0.3579, 0.3508



Tritanopia

50.3866, 0.3317, 0.3125

Trichromacy



Original Color

50.2130, 0.3529, 0.3535

Protanomaly

50.3547, 0.3442, 0.3565

Deuteranomaly

50.2464, 0.3559, 0.3521

Tritanomaly

50.1660, 0.3400, 0.3267

Monochromacy



Original Color

50.2130, 0.3529, 0.3535

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7063, 0.3266, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2130, 0.3529, 0.3535 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(210, 183, 163)` looks like.

```
.text, #text, p{  
    color:rgb(210, 183, 163)  
}
```

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(210, 183, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 183, 163) }
```

Border

The CSS property to change the border of an element to Yxy 50.2130, 0.3529, 0.3535 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(210, 183, 163) }
```

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

```
.border{ border-color:rgb(210, 183, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 183, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 183, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 183, 163);  
box-shadow:4px 4px 4px 4px rgb(210, 183,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2130, 0.3529, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 183, 163) }
```

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

```
.background{ background-color: rgb(210,  
183, 163) }
```

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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