

Converting Colors

$Yxy(50.6405, 0.3580, 0.3577)$

Have a look what the booklet for
Yxy(50.6405, 0.3580, 0.3577)
contains.

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Color

Yxy(50.5512, 0.3582, 0.3570)

Conversions

Conversions Part 1

Format	Color
Hex	D5B7A0
RGB	213, 183, 160
RGB Percent	84%, 72%, 63%
CMY	0.1646, 0.2823, 0.3727
CMYK	0.00, 0.14, 0.25, 0.16
HSL	26°, 39%, 73%
HSV	26°, 25%, 84%
XYZ	50.7211, 50.5512, 40.3277
YIQ	189.3480, 25.2630, -0.7930

Conversions

Conversions Part 2

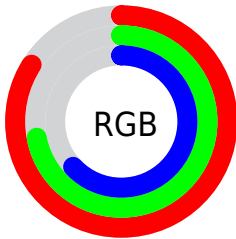
Format	Color
R _Y B	213, 201, 160
Decimal	14006176
CIE Lab	76.41, 7.26, 15.69
CIE LCh	76, 17.288, 65.186
Yxy	50.5512, 0.3582, 0.3570
Android (android.graphics.Color)	4292196256 (0xFFD5B7A0)
YUV	189.3480, -14.4686, 20.7428
Hunter-Lab	71.0994, 2.9151, 16.1402

Details

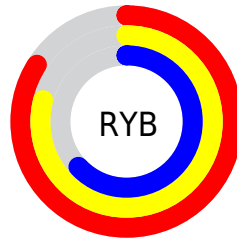
The Yxy color **50.5512, 0.3582, 0.3570** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0976, 0.2737, 0.2992**, and the grayscale version is **51.1733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8993, 0.3387, 0.3529**, and **24.3171, 0.3718, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **45.1093, 0.3813, 0.3689**, and if you desaturate by 10%, it is **56.5513, 0.3380, 0.3453**.

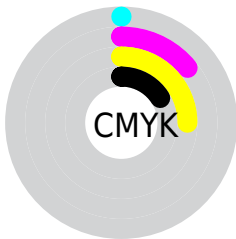
Distribution



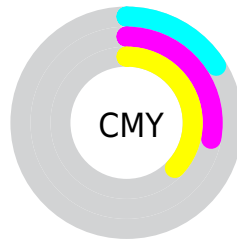
- Red (84%)
- Green (72%)
- Blue (63%)



- Red (84%)
- Yellow (79%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (28%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5512, 0.3582, 0.3570 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 50.5512, 0.3582, 0.3570 by changing the saturation by 10% instead.


 50.5512, 0.3582,
0.3570

 50.5512, 0.3582,
0.3570


388.8176, 0.3356,
0.3435

 35.8516, 0.3638,
0.3602


 90.9910, 0.3501,
0.3522

 24.3196, 0.3708,
0.3642


 117.5000, 0.3470,
0.3504

 15.5709, 0.3802,
0.3693


148.7142, 0.3444,
0.3488

 9.2210, 0.3930,
0.3760

185.0180, 0.3421,
0.3475

 4.8856, 0.4115,
0.3853

226.7959, 0.3402,
0.3463

 2.1803, 0.4407,
0.3984

274.4322, 0.3385,

 0.7092, 0.5455,

0.3453

0.4545

328.3113, 0.3370,
0.3444

0.0000, 0.0000,
0.0000

50.5512, 0.3582,
0.3570

50.5512, 0.3582,
0.3570

45.1093, 0.3813,
0.3689

56.5513, 0.3380,
0.3453

40.2016, 0.4074,
0.3804

63.1190, 0.3204,
0.3342

35.8123, 0.4360,
0.3907

70.2722, 0.3053,
0.3238

31.9220, 0.4664,
0.3987

78.0257, 0.2923,
0.3141

28.5098, 0.4969,
0.4031

85.6323, 0.2872,
0.3168

■ 25.5529, 0.5256,
0.4026

■ 92.8890, 0.2877,
0.3289

■ 23.0254, 0.5503,
0.3968

■ 21.8868, 0.5614,
0.3924

Harmonies

Analogous

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



50.5512, 0.3574, 0.3387



50.5512, 0.3582, 0.3570



50.5512, 0.3464, 0.3687

Triad

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



50.5512, 0.3582, 0.3570



50.5512, 0.2818, 0.3386



50.5512, 0.2985, 0.2917

Complementary

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



50.5512, 0.3582, 0.3570



49.0976, 0.2737, 0.2992

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.



50.5512, 0.2793, 0.2904



50.5512, 0.3582, 0.3570



50.5512, 0.2700, 0.3166

Square

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



50.5512, 0.3582, 0.3570



50.5512, 0.3021, 0.3585



50.5512, 0.2691, 0.2992



50.5512, 0.3223, 0.3020

Rectangle

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



50.5512, 0.3582, 0.3570



50.5512, 0.3332, 0.3707



50.5512, 0.2691, 0.2992



50.5512, 0.2914, 0.2902

Sweetspot

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



50.5535, 0.3582, 0.3570



92.6272, 0.3240, 0.3366



42.9995, 0.3360, 0.2930



19.6944, 0.3250, 0.3372



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.



50.5535, 0.3582, 0.3570



71.4375, 0.3703, 0.3634



62.5241, 0.3510, 0.3870



13.2988, 0.3280, 0.3392



13.5618, 0.5590, 0.3944



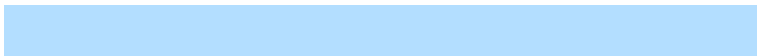
0.9809, 0.5290, 0.4182

Inverse Universe

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



49.0976, 0.2737, 0.2992



68.8744, 0.2651, 0.2918



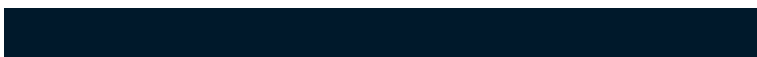
38.6505, 0.2706, 0.2635



13.1632, 0.2982, 0.3186



11.4244, 0.1837, 0.1812



0.8523, 0.1914, 0.2092

Previews

White Background



This preview shows how the Yxy color 50.5512, 0.3582, 0.3570 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 50.5512, 0.3582, 0.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

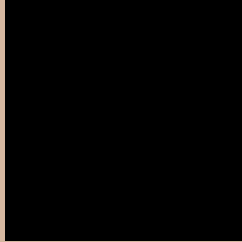
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5512, 0.3582, 0.3570

Background



This preview shows how black text looks on a background with the Yxy color 50.5512, 0.3582, 0.3570.



This preview shows how white text looks on a background with the Yxy color 50.5512, 0.3582, 0.3570.

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

50.5512, 0.3582, 0.3570

Protanopia

50.6165, 0.3411, 0.3605

Deuteranopia

50.3375, 0.3624, 0.3543



Tritanopia

50.3983, 0.3353, 0.3127

Trichromacy



Original Color

50.5512, 0.3582, 0.3570

Protanomaly

50.4230, 0.3467, 0.3589

Deuteranomaly

50.5929, 0.3612, 0.3555

Tritanomaly

50.5367, 0.3443, 0.3291

Monochromacy



Original Color

50.5512, 0.3582, 0.3570

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7608, 0.3291, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5512, 0.3582, 0.3570 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(213, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(213, 183, 160)  
}
```

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(213, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 183, 160) }
```

Border

The CSS property to change the border of an element to Yxy 50.5512, 0.3582, 0.3570 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(213, 183, 160) }
```

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

```
.border{ border-color:rgb(213, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(213, 183,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5512, 0.3582, 0.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 183, 160) }
```

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

```
.background{ background-color: rgb(213,  
183, 160) }
```

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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