

Converting Colors

$Yxy(56.0502, 0.3723, 0.3943)$

Have a look what the booklet for
Yxy(56.0502, 0.3723, 0.3943)
contains.

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Color

Yxy(56.0019, 0.3721, 0.3941)

Conversions

Conversions Part 1

Format	Color
Hex	D8C48D
RGB	216, 196, 141
RGB Percent	85%, 77%, 55%
CMY	0.1528, 0.2314, 0.4470
CMYK	0.00, 0.09, 0.35, 0.15
HSL	44°, 49%, 70%
HSV	44°, 35%, 85%
XYZ	52.8757, 56.0019, 33.2232
YIQ	195.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

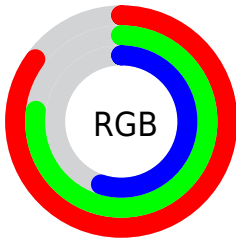
Format	Color
R_{YB}	168, 216, 141
Decimal	14206093
CIE _{Lab}	79.61, -0.91, 30.21
CIE _{LCh}	80, 30.222, 91.729
Yxy	56.0019, 0.3721, 0.3941
Android (android.graphics.Color)	4292396173 (0xFFD8C48D)
YUV	195.7100, -26.9720, 17.7943
Hunter-Lab	74.8344, -4.8377, 26.0620

Details

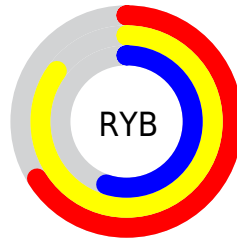
The Yxy color **56.0019, 0.3721, 0.3941** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.1318, 0.2539, 0.2539**, and the grayscale version is **55.1746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4507, 0.3488, 0.3862**, and **27.5578, 0.3872, 0.4101** is the 20% darker color. If you saturate the color by 10%, you get **52.8686, 0.3913, 0.4125**, and if you desaturate by 10%, it is **59.3660, 0.3536, 0.3750**.

Distribution



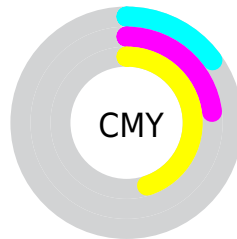
- Red (85%)
- Green (77%)
- Blue (55%)



- Red (66%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (35%)
- Black (15%)





- Cyan (15%)
- Magenta (23%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0019, 0.3721, 0.3941 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 56.0019, 0.3721, 0.3941 by changing the saturation by 10% instead.


 56.0019, 0.3721,
0.3941

 56.0019, 0.3721,
0.3941


409.6987, 0.3437,
0.3629


 40.2044, 0.3787,
0.4014


 99.0074, 0.3621,
0.3831

 27.6980, 0.3869,
0.4105


 126.9841, 0.3583,
0.3789

 18.0981, 0.3972,
0.4219


 159.7895, 0.3550,
0.3752

 11.0205, 0.4104,
0.4368

197.8078, 0.3521,
0.3721

 6.0806, 0.4277,
0.4563

241.4235, 0.3496,
0.3693

 2.8942, 0.4620,
0.4948

291.0210, 0.3474,

 1.0767, 0.4811,

0.3669

0.5189

346.9845, 0.3455,
0.3648

0.0000, 0.0000,
0.0000

56.0019, 0.3721,
0.3941

56.0019, 0.3721,
0.3941

52.8686, 0.3913,
0.4125

59.3660, 0.3536,
0.3750

49.9500, 0.4105,
0.4294

62.9609, 0.3361,
0.3559

47.2394, 0.4290,
0.4435

66.7967, 0.3199,
0.3374

44.7265, 0.4459,
0.4539

70.8801, 0.3051,
0.3199

42.3997, 0.4602,
0.4597

75.2179, 0.2917,
0.3034

■ 40.2448, 0.4716,
0.4606

■ 78.7682, 0.2885,
0.3036

■ 39.1668, 0.4767,
0.4597

■ 82.0461, 0.2887,
0.3097

■ 85.4316, 0.2889,
0.3157

■ 88.9256, 0.2892,
0.3217

Harmonies

Analogous

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



56.0019, 0.3907, 0.3711



56.0019, 0.3721, 0.3941



56.0019, 0.3379, 0.4001

Triad

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



56.0019, 0.3721, 0.3941



56.0019, 0.2434, 0.3107



56.0019, 0.3235, 0.2821

Complementary

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



56.0019, 0.3721, 0.3941



36.1318, 0.2539, 0.2539

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.



56.0019, 0.2842, 0.2669



56.0019, 0.3721, 0.3941



56.0019, 0.2401, 0.2808

Square

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



56.0019, 0.3721, 0.3941



56.0019, 0.2642, 0.3492



56.0019, 0.2544, 0.2659



56.0019, 0.3620, 0.3081

Rectangle

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



56.0019, 0.3721, 0.3941



56.0019, 0.3115, 0.3915



56.0019, 0.2544, 0.2659



56.0019, 0.3099, 0.2757

Sweetspot

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



56.0045, 0.3721, 0.3941



94.1947, 0.3284, 0.3473



36.2745, 0.3711, 0.3032



19.9932, 0.3307, 0.3499



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.



56.0045, 0.3721, 0.3941



77.9964, 0.3868, 0.4083



63.3054, 0.3518, 0.4191



13.9324, 0.3273, 0.3460



23.3590, 0.4756, 0.4606



1.5417, 0.4637, 0.4700

Inverse Universe

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



36.1318, 0.2539, 0.2539



44.7602, 0.2396, 0.2338



31.2058, 0.2634, 0.2291



12.5431, 0.2982, 0.3114



4.8613, 0.1593, 0.0933



0.4299, 0.1688, 0.1275

Previews

White Background



This preview shows how the Yxy color 56.0019, 0.3721, 0.3941 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 56.0019, 0.3721, 0.3941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

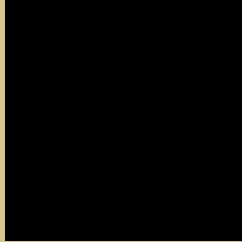
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0019, 0.3721, 0.3941

Background



This preview shows how black text looks on a background with the Yxy color 56.0019, 0.3721, 0.3941.



This preview shows how white text looks on a background with the Yxy color 56.0019, 0.3721, 0.3941.

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

56.0019, 0.3721, 0.3941

Protanopia

55.8825, 0.3674, 0.3949

Deuteranopia

55.8406, 0.3899, 0.3819



Tritanopia

55.9662, 0.3301, 0.3121

Trichromacy



Original Color

56.0019, 0.3721, 0.3941

Protanomaly

56.0316, 0.3683, 0.3947

Deuteranomaly

55.9832, 0.3825, 0.3864

Tritanomaly

55.7725, 0.3456, 0.3419

Monochromacy



Original Color

56.0019, 0.3721, 0.3941

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.3110, 0.3335, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0019, 0.3721, 0.3941 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(216, 196, 141)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 141)  
}
```

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(216, 196, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 141) }
```

Border

The CSS property to change the border of an element to Yxy 56.0019, 0.3721, 0.3941 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(216, 196, 141) }
```

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

```
.border{ border-color:rgb(216, 196, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 196, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 141);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0019, 0.3721, 0.3941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 141) }
```

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

```
.background{ background-color: rgb(216,  
196, 141) }
```

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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