

Converting Colors

$Yxy(44.9464, 0.3538, 0.3519)$

Have a look what the booklet for
Yxy(44.9464, 0.3538, 0.3519)
contains.

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Color

Yxy(45.0899, 0.3531, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	C9AE9C
RGB	201, 174, 156
RGB Percent	79%, 68%, 61%
CMY	0.2116, 0.3177, 0.3882
CMYK	0.00, 0.13, 0.22, 0.21
HSL	24°, 29%, 70%
HSV	24°, 22%, 79%
XYZ	45.2308, 45.0899, 37.7756
YIQ	180.0210, 21.8700, 0.1260

Conversions

Conversions Part 2

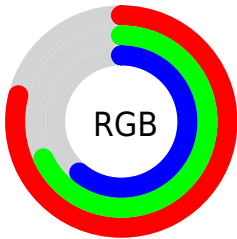
Format	Color
R_{YB}	201, 186, 156
Decimal	13217436
CIE _{Lab}	72.95, 6.95, 12.83
CIE _{LCh}	73, 14.593, 61.545
Yxy	45.0899, 0.3531, 0.3520
Android (android.graphics.Color)	4291407516 (0xFFC9AE9C)
YUV	180.0210, -11.8424, 18.3986
Hunter-Lab	67.1490, 2.7248, 13.6499

Details

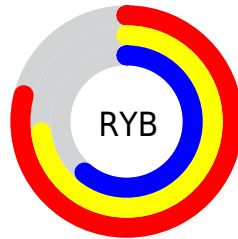
The Yxy color **45.0899, 0.3531, 0.3520** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.1739, 0.2780, 0.3048**, and the grayscale version is **45.7125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0018, 0.3430, 0.3472**, and **21.0500, 0.3638, 0.3585** is the 20% darker color. If you saturate the color by 10%, you get **40.0093, 0.3759, 0.3629**, and if you desaturate by 10%, it is **50.7066, 0.3334, 0.3414**.

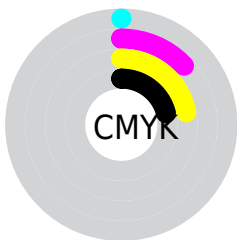
Distribution



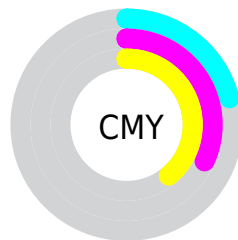
- Red (79%)
- Green (68%)
- Blue (61%)



- Red (79%)
- Yellow (73%)
- Blue (61%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (21%)





- Cyan (21%)
- Magenta (32%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0899, 0.3531, 0.3520 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 45.0899, 0.3531, 0.3520 by changing the saturation by 10% instead.


 45.0899, 0.3531,
0.3520

 45.0899, 0.3531,
0.3520


367.1375, 0.3327,
0.3407

 31.5282, 0.3583,
0.3547


 82.8553, 0.3456,
0.3480

 21.0014, 0.3649,
0.3582


 107.8278, 0.3428,
0.3464

 13.1250, 0.3738,
0.3627


137.3728, 0.3405,
0.3451

 7.5147, 0.3863,
0.3688

171.8745, 0.3385,
0.3440

 3.7860, 0.4051,
0.3774

211.7175, 0.3367,
0.3430

 1.5546, 0.4393,
0.3928

257.2860, 0.3352,

 0.3267, 0.5951,

0.3422

0.4049

308.9646, 0.3339,
0.3414

0.0000, 0.0000,
0.0000

45.0899, 0.3531,
0.3520

45.0899, 0.3531,
0.3520

40.0093, 0.3759,
0.3629

50.7066, 0.3334,
0.3414

35.4422, 0.4019,
0.3736

56.8690, 0.3164,
0.3313

31.3731, 0.4308,
0.3835

63.5942, 0.3019,
0.3219

27.7835, 0.4622,
0.3914

70.8966, 0.2894,
0.3133

24.6534, 0.4944,
0.3961

78.6915, 0.2795,
0.3069

■ 21.9611, 0.5255,
0.3964

■ 85.8158, 0.2805,
0.3199

■ 19.6825, 0.5529,
0.3915

■ 91.1618, 0.2811,
0.3289

■ 18.2033, 0.5708,
0.3850

Harmonies

Analogous

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



45.0899, 0.3510, 0.3356



45.0899, 0.3531, 0.3520



45.0899, 0.3440, 0.3631

Triad

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



45.0899, 0.3531, 0.3520



45.0899, 0.2875, 0.3398



45.0899, 0.2980, 0.2955

Complementary

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



45.0899, 0.3531, 0.3520



45.1739, 0.2780, 0.3048

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.



45.0899, 0.2818, 0.2956



45.0899, 0.3531, 0.3520



45.0899, 0.2759, 0.3204

Square

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



45.0899, 0.3531, 0.3520



45.0899, 0.3059, 0.3564



45.0899, 0.2739, 0.3044



45.0899, 0.3186, 0.3037

Rectangle

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



45.0899, 0.3531, 0.3520



45.0899, 0.3331, 0.3655



45.0899, 0.2739, 0.3044



45.0899, 0.2919, 0.2945

Sweetspot

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



45.0919, 0.3531, 0.3520



92.2533, 0.3241, 0.3360



39.6532, 0.3310, 0.2942



19.6079, 0.3251, 0.3366



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.



45.0919, 0.3531, 0.3520



72.7287, 0.3641, 0.3574



54.2023, 0.3475, 0.3783



11.3206, 0.3280, 0.3383



11.6101, 0.5682, 0.3870



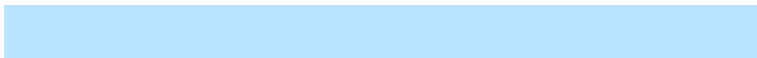
0.6908, 0.5301, 0.4173

Inverse Universe

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



45.1739, 0.2780, 0.3048



72.8889, 0.2702, 0.2987



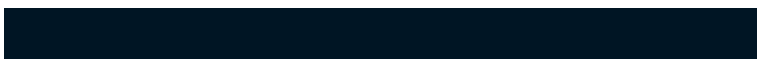
36.8689, 0.2757, 0.2744



11.3291, 0.2984, 0.3195



11.3888, 0.1872, 0.1939



0.6782, 0.1959, 0.2251

Previews

White Background



This preview shows how the Yxy color 45.0899, 0.3531, 0.3520 looks on a white background.

Color Contrast Check

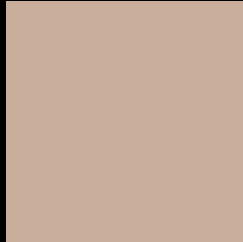
Large Text (above 18pt) WCAG AA × Fail

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 45.0899, 0.3531, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

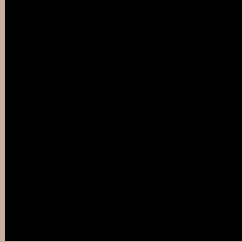
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0899, 0.3531, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 45.0899, 0.3531, 0.3520.



This preview shows how white text looks on a background with the Yxy color 45.0899, 0.3531, 0.3520.

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

45.0899, 0.3531, 0.3520

Protanopia

45.2736, 0.3372, 0.3568

Deuteranopia

45.2666, 0.3571, 0.3505



Tritanopia

45.0057, 0.3326, 0.3130

Trichromacy



Original Color

45.0899, 0.3531, 0.3520

Protanomaly

45.0851, 0.3431, 0.3552

Deuteranomaly

45.1248, 0.3562, 0.3506

Tritanomaly

44.8395, 0.3404, 0.3266

Monochromacy



Original Color

45.0899, 0.3531, 0.3520

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4724, 0.3273, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0899, 0.3531, 0.3520 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(201, 174, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 174, 156)  
}
```

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(201, 174, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 174, 156) }
```

Border

The CSS property to change the border of an element to Yxy 45.0899, 0.3531, 0.3520 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(201, 174, 156) }
```

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

```
.border{ border-color:rgb(201, 174, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 174, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 174, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 174, 156); box-shadow:4px 4px 4px 4px rgb(201, 174, 156) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0899, 0.3531, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 174, 156) }
```

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

```
.background{ background-color: rgb(201,  
174, 156) }
```

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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