

Converting Colors

$Yxy(47.9445, 0.3598, 0.3511)$

Have a look what the booklet for
Yxy(47.9445, 0.3598, 0.3511)
contains.

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Color

Yxy(47.9445, 0.3598, 0.3511)

Conversions

Conversions Part 1

Format	Color
Hex	D4B19F
RGB	212, 177, 159
RGB Percent	83%, 69%, 62%
CMY	0.1686, 0.3059, 0.3764
CMYK	0.00, 0.17, 0.25, 0.17
HSL	20°, 38%, 73%
HSV	20°, 25%, 83%
XYZ	49.1325, 47.9445, 39.4781
YIQ	185.4130, 26.6380, 1.8220

Conversions

Conversions Part 2

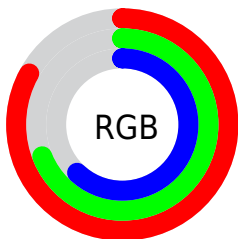
Format	Color
RYB	212, 186, 159
Decimal	13939103
CIELab	74.79, 9.94, 13.92
CIElCh	75, 17.107, 54.461
Yxy	47.9445, 0.3598, 0.3511
Android (android.graphics.Color)	4292129183 (0xFFD4B19F)
YUV	185.4130, -13.0216, 23.3168
Hunter-Lab	69.2420, 5.4861, 14.6654

Details

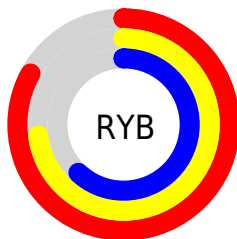
The Yxy color $47.9445, 0.3598, 0.3511$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.7200, 0.2742, 0.3058$, and the grayscale version is $48.8225, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.3929, 0.3403, 0.3481$, and $22.6661, 0.3734, 0.3553$ is the 20% darker color. If you saturate the color by 10%, you get $42.0206, 0.3845, 0.3605$, and if you desaturate by 10%, it is $54.5668, 0.3386, 0.3419$.

Distribution



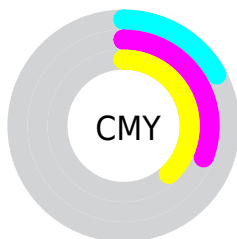
- Red (83%)
- Green (69%)
- Blue (62%)



- Red (83%)
- Yellow (73%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (17%)




- Cyan (17%)
- Magenta (31%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9445, 0.3598, 0.3511 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 47.9445, 0.3598, 0.3511 by changing the saturation by 10% instead.


 47.9445, 0.3598,
0.3511


 47.9445, 0.3598,
0.3511


378.5721, 0.3362,
0.3405

 33.7829, 0.3657,
0.3536


 87.1218, 0.3512,
0.3474

 22.7269, 0.3733,
0.3567


 112.9063, 0.3480,
0.3459

 14.3920, 0.3833,
0.3606

143.3338, 0.3453,
0.3447

 8.3938, 0.3972,
0.3658

178.7889, 0.3429,
0.3436

 4.3479, 0.4179,
0.3727

219.6559, 0.3409,
0.3427

 1.8700, 0.4517,
0.3826

266.3192, 0.3391,

 0.5303, 0.5848,

0.3419

0.4152

319.1631, 0.3376,
0.3412

0.0000, 0.0000,
0.0000

47.9445, 0.3598,
0.3511

47.9445, 0.3598,
0.3511

42.0206, 0.3845,
0.3605

54.5668, 0.3386,
0.3419

36.7652, 0.4129,
0.3695

61.9034, 0.3206,
0.3331

32.1554, 0.4449,
0.3774

69.9775, 0.3054,
0.3250

28.1648, 0.4794,
0.3832

78.8096, 0.2924,
0.3175

24.7647, 0.5146,
0.3856

87.7564, 0.2868,
0.3207

■ 21.9239, 0.5478,
0.3834

■ 92.7365, 0.2872,
0.3289

■ 19.6072, 0.5757,
0.3762

■ 18.6241, 0.5878,
0.3715

Harmonies

Analogous

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



47.9445, 0.3543, 0.3316



47.9445, 0.3598, 0.3511



47.9445, 0.3522, 0.3659

Triad

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



47.9445, 0.3598, 0.3511



47.9445, 0.2881, 0.3464



47.9445, 0.2907, 0.2898

Complementary

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



47.9445, 0.3598, 0.3511



50.7200, 0.2742, 0.3058

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.



47.9445, 0.2742, 0.2922



47.9445, 0.3598, 0.3511



47.9445, 0.2728, 0.3242

Square

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



47.9445, 0.3598, 0.3511



47.9445, 0.3104, 0.3641



47.9445, 0.2678, 0.3043



47.9445, 0.3137, 0.2971

Rectangle

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



47.9445, 0.3598, 0.3511



47.9445, 0.3409, 0.3706



47.9445, 0.2678, 0.3043



47.9445, 0.2843, 0.2895

Sweetspot

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



47.9467, 0.3598, 0.3511



91.6088, 0.3242, 0.3349



42.7131, 0.3312, 0.2868



19.4588, 0.3252, 0.3355



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.



47.9467, 0.3598, 0.3511



67.9000, 0.3725, 0.3561



59.2921, 0.3525, 0.3814



13.1028, 0.3283, 0.3370



11.6653, 0.5852, 0.3736



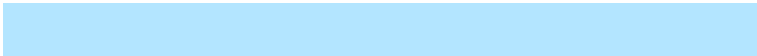
0.8547, 0.5515, 0.4003

Inverse Universe

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



50.7200, 0.2742, 0.3058



72.8041, 0.2661, 0.3001



40.0796, 0.2711, 0.2705



13.3650, 0.2982, 0.3209



14.7156, 0.1930, 0.2147



1.0381, 0.1991, 0.2367

Previews

White Background



This preview shows how the Yxy color 47.9445, 0.3598, 0.3511 looks on a white background.

Color Contrast Check

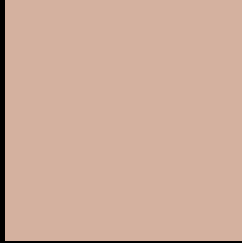
Large Text (above 18pt) WCAG AA × Fail

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 47.9445, 0.3598, 0.3511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

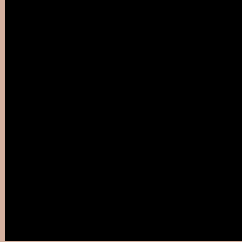
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9445, 0.3598, 0.3511

Background



This preview shows how black text looks on a background with the Yxy color 47.9445, 0.3598, 0.3511.



This preview shows how white text looks on a background with the Yxy color 47.9445, 0.3598, 0.3511.

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

47.9445, 0.3598, 0.3511

Protanopia

48.2271, 0.3383, 0.3573

Deuteranopia

47.7964, 0.3589, 0.3512



Tritanopia

47.8794, 0.3395, 0.3136

Trichromacy



Original Color

47.9445, 0.3598, 0.3511

Protanomaly

47.9003, 0.3460, 0.3544

Deuteranomaly

47.7964, 0.3589, 0.3512

Tritanomaly

47.7028, 0.3472, 0.3267

Monochromacy



Original Color

47.9445, 0.3598, 0.3511

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.1926, 0.3288, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9445, 0.3598, 0.3511 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(212, 177, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 177, 159)  
}
```

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(212, 177, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 177, 159) }
```

Border

The CSS property to change the border of an element to Yxy 47.9445, 0.3598, 0.3511 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(212, 177, 159) }
```

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

```
.border{ border-color:rgb(212, 177, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 177, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 177, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 177, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 177,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9445, 0.3598, 0.3511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 177, 159) }
```

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

```
.background{ background-color: rgb(212,  
177, 159) }
```

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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