

Converting Colors

$Yxy(36.2228, 0.3510, 0.3517)$

Have a look what the booklet for
Yxy(36.2228, 0.3510, 0.3517)
contains.

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Color

Yxy(36.2305, 0.3509, 0.3515)

Conversions

Conversions Part 1

Format	Color
Hex	B59E8E
RGB	181, 158, 142
RGB Percent	71%, 62%, 56%
CMY	0.2901, 0.3804, 0.4432
CMYK	0.00, 0.13, 0.22, 0.29
HSL	25°, 21%, 63%
HSV	25°, 22%, 71%
XYZ	36.1687, 36.2305, 30.6748
YIQ	163.0530, 18.8440, -0.1000

Conversions

Conversions Part 2

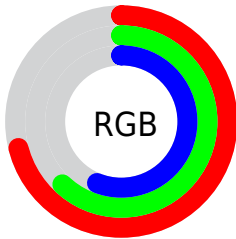
Format	Color
RYB	181, 169, 142
Decimal	11902606
CIELab	66.70, 5.88, 11.47
CIELCh	67, 12.888, 62.852
Yxy	36.2305, 0.3509, 0.3515
Android (android.graphics.Color)	4290092686 (0xFFB59E8E)
YUV	163.0530, -10.3791, 15.7395
Hunter-Lab	60.1918, 1.9233, 11.9190

Details

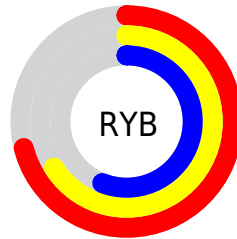
The Yxy color **36.2305, 0.3509, 0.3515** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0037, 0.2795, 0.3054**, and the grayscale version is **36.6970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5785, 0.3429, 0.3474**, and **15.8773, 0.3632, 0.3583** is the 20% darker color. If you saturate the color by 10%, you get **32.2456, 0.3731, 0.3626**, and if you desaturate by 10%, it is **40.6236, 0.3317, 0.3407**.

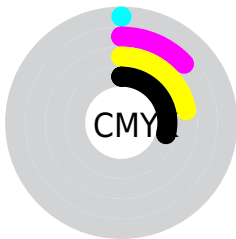
Distribution



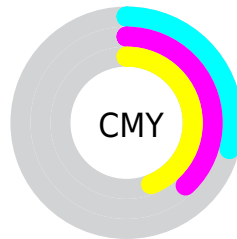
- Red (71%)
- Green (62%)
- Blue (56%)



- Red (71%)
- Yellow (66%)
- Blue (56%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (29%)





- Cyan (29%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.2305, 0.3509, 0.3515 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 36.2305, 0.3509, 0.3515 by changing the saturation by 10% instead.


 36.2305, 0.3509,
0.3515


 36.2305, 0.3509,
0.3515


329.9669, 0.3309,
0.3400


 24.6123, 0.3562,
0.3544


 69.3877, 0.3434,
0.3473

 15.7884, 0.3632,
0.3582


 91.6954, 0.3407,
0.3457

 9.3746, 0.3728,
0.3633


 118.3351, 0.3384,
0.3444

 4.9863, 0.3869,
0.3704

149.6912, 0.3364,
0.3433

 2.2392, 0.4094,
0.3810

186.1480, 0.3348,
0.3423

 0.7413, 0.5318,
0.4648


228.0900, 0.3333,


 0.0000, 0.0000,


0.3414

0.0000


275.9015, 0.3320,
0.3407


 36.2305, 0.3509,
0.3515


 36.2305, 0.3509,
0.3515

 32.2456, 0.3731,
0.3626


 40.6236, 0.3317,
0.3407


 28.6517, 0.3983,
0.3736


 45.4316, 0.3151,
0.3305


 25.4375, 0.4264,
0.3837

 50.6675, 0.3008,
0.3210

 22.5892, 0.4568,
0.3921

 56.3418, 0.2886,
0.3123

 20.0922, 0.4884,
0.3976

 62.4651, 0.2781,
0.3042

■ 17.9303, 0.5190,
0.3988

■ 69.0471, 0.2690,
0.2969

■ 16.0858, 0.5464,
0.3948

■ 75.1830, 0.2679,
0.3044

■ 14.7551, 0.5665,
0.3884

■ 81.4048, 0.2692,
0.3163

■ 87.9987, 0.2705,
0.3279

Harmonies

Analogous

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



36.2305, 0.3494, 0.3360



36.2305, 0.3509, 0.3515



36.2305, 0.3419, 0.3617

Triad

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



36.2305, 0.3509, 0.3515



36.2305, 0.2881, 0.3384



36.2305, 0.2995, 0.2973

Complementary

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



36.2305, 0.3509, 0.3515



36.0037, 0.2795, 0.3054

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.



36.2305, 0.2838, 0.2970



36.2305, 0.3509, 0.3515



36.2305, 0.2774, 0.3202

Square

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



36.2305, 0.3509, 0.3515



36.2305, 0.3054, 0.3545



36.2305, 0.2759, 0.3051



36.2305, 0.3192, 0.3054

Rectangle

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



36.2305, 0.3509, 0.3515



36.2305, 0.3313, 0.3637



36.2305, 0.2759, 0.3051



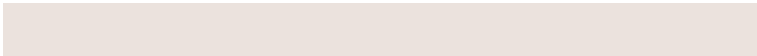
36.2305, 0.2936, 0.2963

Sweetspot

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



36.2321, 0.3509, 0.3515



77.3432, 0.3223, 0.3351



31.9019, 0.3307, 0.2966



16.5980, 0.3234, 0.3357



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.2321, 0.3509, 0.3515



61.3055, 0.3613, 0.3569



43.2705, 0.3457, 0.3769



9.0585, 0.3277, 0.3384



10.2987, 0.5644, 0.3901



0.4402, 0.5144, 0.4297

Inverse Universe

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



36.0037, 0.2795, 0.3054



60.8179, 0.2719, 0.2993



29.6129, 0.2775, 0.2761



9.0354, 0.2986, 0.3194



9.6559, 0.1864, 0.1909



0.4152, 0.1982, 0.2336

Previews

White Background



This preview shows how the Yxy color 36.2305, 0.3509, 0.3515 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 36.2305, 0.3509, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

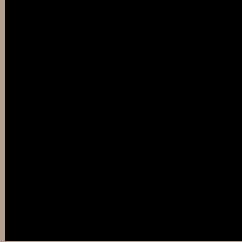
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2305, 0.3509, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 36.2305, 0.3509, 0.3515.



This preview shows how white text looks on a background with the Yxy color 36.2305, 0.3509, 0.3515.

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

36.2305, 0.3509, 0.3515

Protanopia

36.4003, 0.3368, 0.3550

Deuteranopia

36.0442, 0.3556, 0.3485



Tritanopia

36.0547, 0.3314, 0.3128

Trichromacy



Original Color

36.2305, 0.3509, 0.3515

Protanomaly

36.4716, 0.3420, 0.3548

Deuteranomaly

36.2573, 0.3542, 0.3499

Tritanomaly

35.9443, 0.3390, 0.3263

Monochromacy



Original Color

36.2305, 0.3509, 0.3515

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4023, 0.3268, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2305, 0.3509, 0.3515 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(181, 158, 142)` looks like.

```
.text, #text, p{  
    color:rgb(181, 158, 142)  
}
```

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(181, 158, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 158, 142) }
```

Border

The CSS property to change the border of an element to Yxy 36.2305, 0.3509, 0.3515 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(181, 158, 142) }
```

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

```
.border{ border-color:rgb(181, 158, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 158, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 158, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 158, 142);  
box-shadow:4px 4px 4px 4px rgb(181, 158,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2305, 0.3509, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 158, 142) }
```

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

```
.background{ background-color: rgb(181,  
158, 142) }
```

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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