

Converting Colors

$Y_{xy}(21.0198, 0.3615, 0.3926)$

Have a look what the booklet for
Yxy(21.0198, 0.3615, 0.3926)
contains.

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Color

Yxy(21.0198, 0.3615, 0.3926)

Conversions

Conversions Part 1

Format	Color
Hex	867F5C
RGB	134, 127, 92
RGB Percent	53%, 50%, 36%
CMY	0.4745, 0.5020, 0.6392
CMYK	0.00, 0.05, 0.31, 0.47
HSL	50°, 19%, 44%
HSV	50°, 31%, 53%
XYZ	19.3547, 21.0198, 13.1655
YIQ	125.1030, 15.4070, -9.4010

Conversions

Conversions Part 2

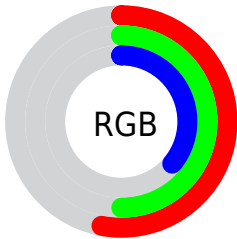
Format	Color
RYB	100, 134, 92
Decimal	8814428
CIELab	52.97, -3.13, 20.02
CIELCh	53, 20.260, 98.881
Yxy	21.0198, 0.3615, 0.3926
Android (android.graphics.Color)	4287004508 (0xFF867F5C)
YUV	125.1030, -16.3198, 7.8027
Hunter-Lab	45.8474, -4.8781, 15.0675

Details

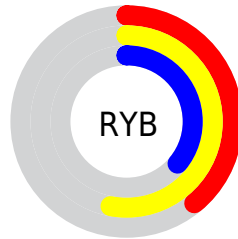
The Yxy color $21.0198, 0.3615, 0.3926$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.9270, 0.2612, 0.2561$, and the grayscale version is $20.5982, 0.3127, 0.3290$.

A 20% lighter version of the original color is $45.2869, 0.3514, 0.3794$, and $7.5309, 0.3802, 0.4165$ is the 20% darker color. If you saturate the color by 10%, you get $20.2349, 0.3781, 0.4128$, and if you desaturate by 10%, it is $21.8609, 0.3452, 0.3719$.

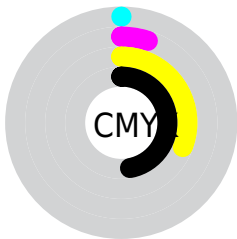
Distribution



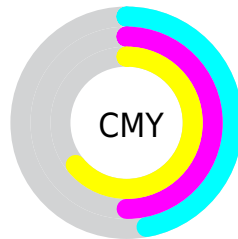
- Red (53%)
- Green (50%)
- Blue (36%)



- Red (39%)
- Yellow (53%)
- Blue (36%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (47%)





- Cyan (47%)
- Magenta (50%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0198, 0.3615, 0.3926 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 21.0198, 0.3615, 0.3926 by changing the saturation by 10% instead.


 21.0198, 0.3615,
0.3926


 21.0198, 0.3615,
0.3926


257.3837, 0.3343,
0.3565


 13.1385, 0.3693,
0.4033


 45.1205, 0.3509,
0.3783

 7.5240, 0.3799,
0.4180


 62.1086, 0.3471,
0.3733

 3.7919, 0.3949,
0.4395

 82.9012, 0.3440,
0.3693

 1.5578, 0.4435,
0.5035

 107.8825, 0.3414,
0.3659

 0.3289, 0.4180,
0.5820

137.4371, 0.3392,
0.3630

 0.0000, 0.0000,
0.0000

171.9492, 0.3373,

0.3605

211.8032, 0.3357,
0.3584

■ 21.0198, 0.3615,
0.3926

■ 21.0198, 0.3615,
0.3926

■ 20.2349, 0.3781,
0.4128

■ 21.8609, 0.3452,
0.3719

■ 19.5011, 0.3944,
0.4317

■ 22.7575, 0.3294,
0.3514

■ 18.8169, 0.4098,
0.4484

■ 23.7125, 0.3146,
0.3316

■ 18.1795, 0.4237,
0.4620

■ 24.7278, 0.3008,
0.3127

■ 17.5859, 0.4354,
0.4718

■ 25.8050, 0.2882,
0.2950

■ 17.0325, 0.4446,
0.4773

■ 26.9460, 0.2766,
0.2785

■ 16.5762, 0.4513,
0.4799

■ 28.1523, 0.2662,
0.2634

■ 29.4254, 0.2567,
0.2495

■ 30.7668, 0.2482,
0.2367

Harmonies

Analogous

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



21.0198, 0.3828, 0.3745



21.0198, 0.3615, 0.3926



21.0198, 0.3277, 0.3931

Triad

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



21.0198, 0.3615, 0.3926



21.0198, 0.2458, 0.3045



21.0198, 0.3319, 0.2902

Complementary

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



21.0198, 0.3615, 0.3926



12.9270, 0.2612, 0.2561

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.



21.0198, 0.2945, 0.2732



21.0198, 0.3615, 0.3926



21.0198, 0.2466, 0.2796

Square

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



21.0198, 0.3615, 0.3926



21.0198, 0.2616, 0.3392



21.0198, 0.2638, 0.2690



21.0198, 0.3656, 0.3164

Rectangle

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



21.0198, 0.3615, 0.3926



21.0198, 0.3030, 0.3818



21.0198, 0.2638, 0.2690



21.0198, 0.3193, 0.2833

Sweetspot

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



21.0208, 0.3615, 0.3926



40.4393, 0.3262, 0.3471



13.6409, 0.3678, 0.3146



9.0638, 0.3281, 0.3497



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



21.0208, 0.3615, 0.3926



35.9820, 0.3739, 0.4078



21.8712, 0.3417, 0.4083



5.2942, 0.3261, 0.3470



15.5443, 0.4512, 0.4800



0.0626, 0.4338, 0.4937

Inverse Universe

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



12.9270, 0.2612, 0.2561



19.2682, 0.2472, 0.2353



12.4008, 0.2765, 0.2450



4.6611, 0.2992, 0.3104



2.1763, 0.1551, 0.0782



0.0148, 0.1713, 0.1367

Previews

White Background



This preview shows how the Yxy color 21.0198, 0.3615, 0.3926 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0198, 0.3615, 0.3926 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

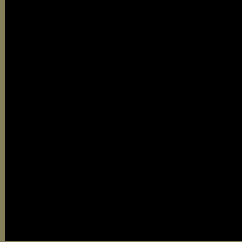
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.0198, 0.3615, 0.3926

Background



This preview shows how black text looks on a background with the Yxy color 21.0198, 0.3615, 0.3926.



This preview shows how white text looks on a background with the Yxy color 21.0198, 0.3615, 0.3926.

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

21.0198, 0.3615, 0.3926

Protanopia

20.9287, 0.3646, 0.3904

Deuteranopia

20.8546, 0.3833, 0.3769



Tritanopia

21.0467, 0.3233, 0.3135

Trichromacy



Original Color

21.0198, 0.3615, 0.3926

Protanomaly

20.8453, 0.3633, 0.3907

Deuteranomaly

20.8855, 0.3755, 0.3815

Tritanomaly

21.0180, 0.3369, 0.3415

Monochromacy



Original Color

21.0198, 0.3615, 0.3926

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.7032, 0.3298, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0198, 0.3615, 0.3926 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(134, 127, 92)` looks like.

```
.text, #text, p{  
    color:rgb(134, 127, 92)  
}
```

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(134, 127, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 127, 92) }
```

Border

The CSS property to change the border of an element to Yxy 21.0198, 0.3615, 0.3926 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(134, 127, 92) }
```

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

```
.border{ border-color:rgb(134, 127, 92) }
```

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

Here you see how a box with a 4 pixel rgb(134, 127, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 127, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 127, 92);  
box-shadow:4px 4px 4px 4px rgb(134, 127,  
92) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0198, 0.3615, 0.3926 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 127, 92) }
```

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

```
.background{ background-color: rgb(134,  
127, 92) }
```

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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