

Converting Colors

$Yxy(22.0116, 0.3518, 0.3653)$

Have a look what the booklet for
Yxy(22.0116, 0.3518, 0.3653)
contains.

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Color

Yxy(22.0753, 0.3513, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	8C806B
RGB	140, 128, 107
RGB Percent	55%, 50%, 42%
CMY	0.4510, 0.4980, 0.5804
CMYK	0.00, 0.09, 0.24, 0.45
HSL	38°, 13%, 48%
HSV	38°, 24%, 55%
XYZ	21.1887, 22.0753, 17.0511
YIQ	129.1940, 13.8930, -3.9870

Conversions

Conversions Part 2

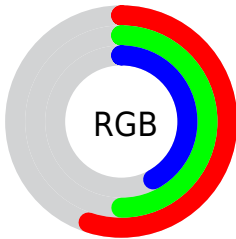
Format	Color
R_{YB}	126, 140, 107
Decimal	9207915
CIE _{Lab}	54.11, 0.99, 13.07
CIE _{LCh}	54, 13.109, 85.672
Yxy	22.0753, 0.3513, 0.3660
Android (android.graphics.Color)	4287397995 (0xFF8C806B)
YUV	129.1940, -10.9416, 9.4769
Hunter-Lab	46.9844, -1.7240, 11.3722

Details

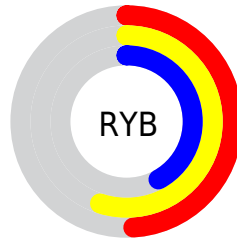
The Yxy color **22.0753, 0.3513, 0.3660** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.2115, 0.2760, 0.2890**, and the grayscale version is **22.0605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.9857, 0.3431, 0.3587**, and **8.0421, 0.3648, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **20.5101, 0.3703, 0.3824**, and if you desaturate by 10%, it is **23.7569, 0.3338, 0.3499**.

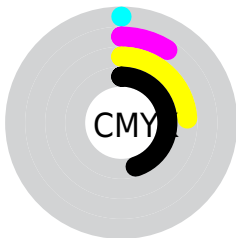
Distribution



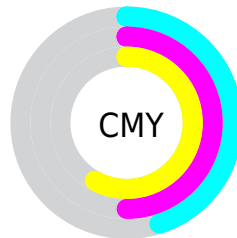
- Red (55%)
- Green (50%)
- Blue (42%)



- Red (49%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (9%)
- Yellow (24%)
- Black (45%)





- Cyan (45%)
- Magenta (50%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0753, 0.3513, 0.3660 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 22.0753, 0.3513, 0.3660 by changing the saturation by 10% instead.


 22.0753, 0.3513,
0.3660


 22.0753, 0.3513,
0.3660


262.9393, 0.3296,
0.3453


 13.9122, 0.3577,
0.3720


 46.8704, 0.3428,
0.3579


 8.0597, 0.3665,
0.3803


 64.2713, 0.3398,
0.3550

 4.1331, 0.3795,
0.3925

 85.5202, 0.3373,
0.3527

 1.7483, 0.4014,
0.4128

 111.0015, 0.3353,
0.3507

 0.4546, 0.5009,
0.4991

141.0997, 0.3335,
0.3491

 0.0000, 0.0000,
0.0000

176.1991, 0.3320,

0.3476

216.6842, 0.3308,
0.3464

■ 22.0753, 0.3513,
0.3660

■ 22.0753, 0.3513,
0.3660

■ 20.5101, 0.3703,
0.3824

■ 23.7569, 0.3338,
0.3499

■ 19.0550, 0.3907,
0.3984

■ 25.5549, 0.3180,
0.3344

■ 17.7076, 0.4119,
0.4133

■ 27.4733, 0.3038,
0.3197

■ 16.4640, 0.4333,
0.4262

■ 29.5149, 0.2911,
0.3060

■ 15.3203, 0.4540,
0.4360

■ 31.6823, 0.2798,
0.2933

■ 14.2719, 0.4730,
0.4416

■ 33.9783, 0.2697,
0.2816

■ 13.3136, 0.4894,
0.4425

■ 36.4052, 0.2608,
0.2709

■ 12.7373, 0.4993,
0.4417

■ 38.9656, 0.2529,
0.2611

■ 41.6617, 0.2458,
0.2521

Harmonies

Analogous

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



22.0753, 0.3594, 0.3517



22.0753, 0.3513, 0.3660



22.0753, 0.3328, 0.3707

Triad

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



22.0753, 0.3513, 0.3660



22.0753, 0.2727, 0.3233



22.0753, 0.3146, 0.2978

Complementary

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



22.0753, 0.3513, 0.3660



18.2115, 0.2760, 0.2890

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.



22.0753, 0.2917, 0.2902



22.0753, 0.3513, 0.3660



22.0753, 0.2681, 0.3039

Square

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



22.0753, 0.3513, 0.3660



22.0753, 0.2876, 0.3455



22.0753, 0.2750, 0.2922



22.0753, 0.3378, 0.3130

Rectangle

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



22.0753, 0.3513, 0.3660



22.0753, 0.3174, 0.3671



22.0753, 0.2750, 0.2922



22.0753, 0.3066, 0.2943

Sweetspot

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



22.0763, 0.3513, 0.3660



43.8952, 0.3235, 0.3398



17.4237, 0.3426, 0.3075



10.0786, 0.3242, 0.3406



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.0763, 0.3513, 0.3660



37.5096, 0.3606, 0.3742



25.0210, 0.3418, 0.3866



5.5442, 0.3266, 0.3429



11.3546, 0.4988, 0.4421



0.1034, 0.4562, 0.4760

Inverse Universe

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



18.2115, 0.2760, 0.2890



29.5405, 0.2676, 0.2792



15.8120, 0.2794, 0.2662



5.1707, 0.2991, 0.3147



3.8140, 0.1669, 0.1207



0.0514, 0.1897, 0.2030

Previews

White Background



This preview shows how the Yxy color 22.0753, 0.3513, 0.3660 looks on a white background.

Color Contrast Check

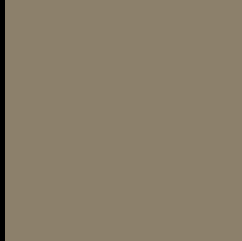
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0753, 0.3513, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

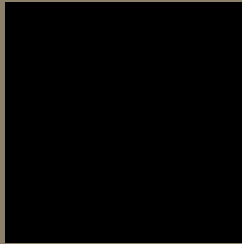
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0753, 0.3513, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 22.0753, 0.3513, 0.3660.



This preview shows how white text looks on a background with the Yxy color 22.0753, 0.3513, 0.3660.

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

22.0753, 0.3513, 0.3660

Protanopia

22.1016, 0.3460, 0.3664

Deuteranopia

21.8876, 0.3631, 0.3563



Tritanopia

21.9762, 0.3244, 0.3121

Trichromacy



Original Color

22.0753, 0.3513, 0.3660

Protanomaly

22.1865, 0.3472, 0.3662

Deuteranomaly

21.8609, 0.3589, 0.3583

Tritanomaly

21.8733, 0.3346, 0.3308

Monochromacy



Original Color

22.0753, 0.3513, 0.3660

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.0675, 0.3263, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0753, 0.3513, 0.3660 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(140, 128, 107)` looks like.

```
.text, #text, p{  
    color:rgb(140, 128, 107)  
}
```

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(140, 128, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 128, 107) }
```

Border

The CSS property to change the border of an element to Yxy 22.0753, 0.3513, 0.3660 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(140, 128, 107) }
```

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

```
.border{ border-color:rgb(140, 128, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 128, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 128, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 128, 107);  
box-shadow:4px 4px 4px 4px rgb(140, 128,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0753, 0.3513, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 128, 107) }
```

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

```
.background{ background-color: rgb(140,  
128, 107) }
```

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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