

Converting Colors

$Y_{xy}(21.6725, 0.3666, 0.3428)$

Have a look what the booklet for
Yxy(21.6725, 0.3666, 0.3428)
contains.

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Color

Yxy(21.8132, 0.3672, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	9B7970
RGB	155, 121, 112
RGB Percent	61%, 47%, 44%
CMY	0.3920, 0.5255, 0.5608
CMYK	0.00, 0.22, 0.28, 0.39
HSL	13°, 18%, 52%
HSV	13°, 28%, 61%
XYZ	23.2843, 21.8132, 18.3129
YIQ	130.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

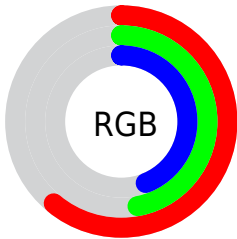
Format	Color
R_{YB}	155, 123, 112
Decimal	10189168
CIE _{Lab}	53.83, 11.87, 10.00
CIE _{LCh}	54, 15.520, 40.093
Yxy	21.8132, 0.3672, 0.3440
Android (android.graphics.Color)	4288379248 (0xFF9B7970)
YUV	130.1400, -8.9430, 21.8022
Hunter-Lab	46.7046, 7.2571, 9.4455

Details

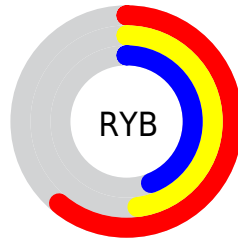
The Yxy color **21.8132, 0.3672, 0.3440** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3842, 0.2719, 0.3134**, and the grayscale version is **22.4027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.2691, 0.3546, 0.3402**, and **7.8885, 0.3904, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **18.7044, 0.3944, 0.3497**, and if you desaturate by 10%, it is **25.3625, 0.3443, 0.3383**.

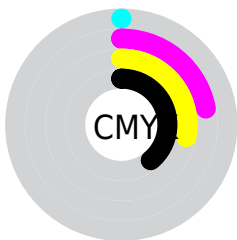
Distribution



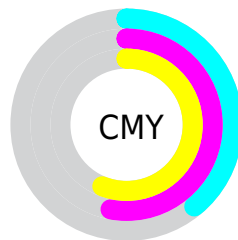
- Red (61%)
- Green (47%)
- Blue (44%)



- Red (61%)
- Yellow (48%)
- Blue (44%)



- Cyan (0%)
- Magenta (22%)
- Yellow (28%)
- Black (39%)





- Cyan (39%)
- Magenta (53%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.8132, 0.3672, 0.3440 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 21.8132, 0.3672, 0.3440 by changing the saturation by 10% instead.


 21.8132, 0.3672,
0.3440


 21.8132, 0.3672,
0.3440


261.5692, 0.3363,
0.3361


 13.7197, 0.3764,
0.3460


 46.4371, 0.3549,
0.3411


 7.9260, 0.3894,
0.3486


 63.7362, 0.3506,
0.3400

 4.0476, 0.4089,
0.3520

 84.8727, 0.3471,
0.3391

 1.7002, 0.4411,
0.3561

 110.2310, 0.3442,
0.3383

 0.4238, 0.6204,
0.3796

140.1953, 0.3418,
0.3377

 0.0000, 0.0000,
0.0000

175.1502, 0.3397,

0.3371

215.4801, 0.3379,
0.3366

■ 21.8132, 0.3672,
0.3440

■ 21.8132, 0.3672,
0.3440

■ 18.7044, 0.3944,
0.3497

■ 25.3625, 0.3443,
0.3383

■ 16.0159, 0.4264,
0.3550

■ 29.3656, 0.3253,
0.3329

■ 13.7302, 0.4627,
0.3594

■ 33.8389, 0.3094,
0.3279

■ 11.8278, 0.5023,
0.3620

■ 38.7970, 0.2962,
0.3233

■ 10.2869, 0.5423,
0.3619

■ 44.2540, 0.2852,
0.3190

■ 9.0840, 0.5788,
0.3583

■ 50.2234, 0.2759,
0.3152

■ 8.1895, 0.6079,
0.3519

■ 56.7181, 0.2681,
0.3117

■ 8.0255, 0.6140,
0.3507

■ 63.7507, 0.2615,
0.3085

■ 71.3331, 0.2558,
0.3057

Harmonies

Analogous

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



21.8132, 0.3535, 0.3206



21.8132, 0.3672, 0.3440



21.8132, 0.3654, 0.3649

Triad

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



21.8132, 0.3672, 0.3440



21.8132, 0.2956, 0.3609



21.8132, 0.2763, 0.2829

Complementary

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



21.8132, 0.3672, 0.3440



26.3842, 0.2719, 0.3134

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.



21.8132, 0.2623, 0.2910



21.8132, 0.3672, 0.3440



21.8132, 0.2731, 0.3359

Square

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



21.8132, 0.3672, 0.3440



21.8132, 0.3233, 0.3765



21.8132, 0.2612, 0.3100



21.8132, 0.3002, 0.2864

Rectangle

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



21.8132, 0.3672, 0.3440



21.8132, 0.3559, 0.3745



21.8132, 0.2612, 0.3100



21.8132, 0.2703, 0.2843

Sweetspot

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



21.8142, 0.3672, 0.3440



52.2632, 0.3260, 0.3332



20.6494, 0.3261, 0.2744



11.5870, 0.3285, 0.3339



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



21.8142, 0.3672, 0.3440



35.6781, 0.3827, 0.3474



27.5246, 0.3584, 0.3774



6.4214, 0.3278, 0.3337



6.4904, 0.6126, 0.3518



0.1415, 0.5464, 0.4043

Inverse Universe

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



26.3842, 0.2719, 0.3134



45.1674, 0.2638, 0.3096



20.4575, 0.2681, 0.2753



6.8074, 0.2989, 0.3242



13.2600, 0.2061, 0.2620



0.2474, 0.2153, 0.2950

Previews

White Background



This preview shows how the Yxy color 21.8132, 0.3672, 0.3440 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 21.8132, 0.3672, 0.3440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

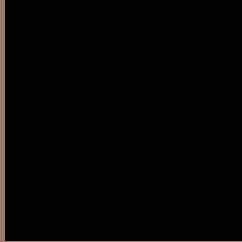
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.8132, 0.3672, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 21.8132, 0.3672, 0.3440.



This preview shows how white text looks on a background with the Yxy color 21.8132, 0.3672, 0.3440.

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

21.8132, 0.3672, 0.3440

Protanopia

21.7676, 0.3334, 0.3505

Deuteranopia

21.8589, 0.3582, 0.3512



Tritanopia

21.9203, 0.3501, 0.3146

Trichromacy



Original Color

21.8132, 0.3672, 0.3440

Protanomaly

21.6558, 0.3453, 0.3465

Deuteranomaly

21.8929, 0.3624, 0.3493

Tritanomaly

21.9060, 0.3561, 0.3259

Monochromacy



Original Color

21.8132, 0.3672, 0.3440

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.0978, 0.3317, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.8132, 0.3672, 0.3440 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(155, 121, 112)` looks like.

```
.text, #text, p{  
    color:rgb(155, 121, 112)  
}
```

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(155, 121, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 121, 112) }
```

Border

The CSS property to change the border of an element to Yxy 21.8132, 0.3672, 0.3440 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(155, 121, 112) }
```

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

```
.border{ border-color:rgb(155, 121, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 121, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 121, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 121, 112);  
box-shadow:4px 4px 4px 4px rgb(155, 121,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 21.8132, 0.3672, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 121, 112) }
```

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

```
.background{ background-color: rgb(155,  
121, 112) }
```

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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