

Converting Colors

$Y_{xy}(21.5950, 0.3679, 0.3779)$

Have a look what the booklet for
Yxy(21.5950, 0.3679, 0.3779)
contains.

Yxy(21.7328, 0.3679, 0.3777)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.7328, 0.3679, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	907E62
RGB	144, 126, 98
RGB Percent	56%, 49%, 38%
CMY	0.4353, 0.5059, 0.6156
CMYK	0.00, 0.13, 0.32, 0.44
HSL	37°, 19%, 47%
HSV	37°, 32%, 56%
XYZ	21.1689, 21.7328, 14.6381
YIQ	128.1900, 19.7160, -4.8920

Conversions

Conversions Part 2

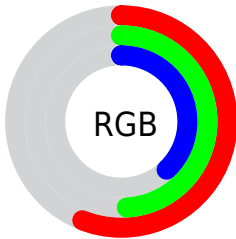
Format	Color
R_{YB}	128, 144, 98
Decimal	9469538
CIE _{Lab}	53.74, 2.47, 17.79
CIE _{LCh}	54, 17.959, 82.108
Yxy	21.7328, 0.3679, 0.3777
Android (android.graphics.Color)	4287659618 (0xFF907E62)
YUV	128.1900, -14.8837, 13.8654
Hunter-Lab	46.6185, -0.5275, 14.0159

Details

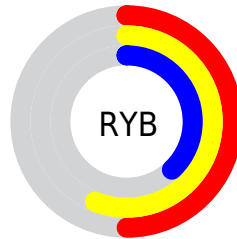
The Yxy color **21.7328, 0.3679, 0.3777** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.1086, 0.2622, 0.2748**, and the grayscale version is **21.7045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.4159, 0.3550, 0.3676**, and **7.8739, 0.3906, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **20.0839, 0.3886, 0.3933**, and if you desaturate by 10%, it is **23.5140, 0.3487, 0.3620**.

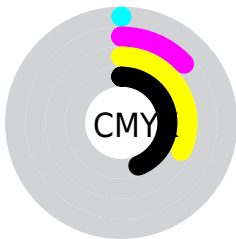
Distribution



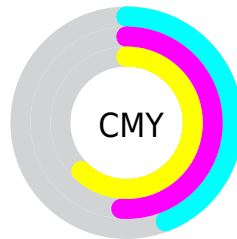
- Red (56%)
- Green (49%)
- Blue (38%)



- Red (50%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (44%)




- Cyan (44%)
- Magenta (51%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.7328, 0.3679, 0.3777 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 21.7328, 0.3679, 0.3777 by changing the saturation by 10% instead.


 21.7328, 0.3679,
0.3777


 21.7328, 0.3679,
0.3777


261.1477, 0.3369,
0.3506


 13.6607, 0.3770,
0.3854


 46.3040, 0.3557,
0.3672

 7.8851, 0.3894,
0.3959


 63.5718, 0.3514,
0.3634

 4.0215, 0.4076,
0.4108

 84.6737, 0.3479,
0.3603

 1.6856, 0.4470,
0.4442

 109.9941, 0.3449,
0.3578

 0.4143, 0.5228,
0.4772

139.9173, 0.3425,
0.3556

 0.0000, 0.0000,
0.0000

174.8276, 0.3403,

0.3537

215.1097, 0.3385,
0.3521

■ 21.7328, 0.3679,
0.3777

■ 21.7328, 0.3679,
0.3777

■ 20.0839, 0.3886,
0.3933

■ 23.5140, 0.3487,
0.3620

■ 18.5603, 0.4106,
0.4079

■ 25.4282, 0.3313,
0.3465

■ 17.1587, 0.4330,
0.4206

■ 27.4799, 0.3156,
0.3318

■ 15.8747, 0.4551,
0.4304

■ 29.6725, 0.3015,
0.3179

■ 14.7032, 0.4758,
0.4361

■ 32.0093, 0.2891,
0.3049

■ 13.6383, 0.4938,
0.4371

■ 34.4933, 0.2781,
0.2929

■ 12.8467, 0.5072,
0.4355

■ 37.1275, 0.2683,
0.2819

■ 39.9148, 0.2597,
0.2718

■ 42.8580, 0.2520,
0.2626

Harmonies

Analogous

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



21.7328, 0.3773, 0.3563



21.7328, 0.3679, 0.3777



21.7328, 0.3435, 0.3870

Triad

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



21.7328, 0.3679, 0.3777



21.7328, 0.2598, 0.3242



21.7328, 0.3111, 0.2851

Complementary

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



21.7328, 0.3679, 0.3777



17.1086, 0.2622, 0.2748

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.



21.7328, 0.2805, 0.2761



21.7328, 0.3679, 0.3777



21.7328, 0.2521, 0.2967

Square

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



21.7328, 0.3679, 0.3777



21.7328, 0.2812, 0.3553



21.7328, 0.2594, 0.2798



21.7328, 0.3436, 0.3043

Rectangle

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



21.7328, 0.3679, 0.3777



21.7328, 0.3226, 0.3837



21.7328, 0.2594, 0.2798



21.7328, 0.3002, 0.2808

Sweetspot

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



21.7338, 0.3679, 0.3777



45.4520, 0.3284, 0.3439



15.9392, 0.3547, 0.2968



10.3214, 0.3305, 0.3458



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



21.7338, 0.3679, 0.3777



36.3126, 0.3819, 0.3884



26.3561, 0.3539, 0.4074



5.9356, 0.3267, 0.3424



11.2320, 0.5066, 0.4360



0.1504, 0.4600, 0.4730

Inverse Universe

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



17.1086, 0.2622, 0.2748



26.9035, 0.2506, 0.2609



13.6132, 0.2633, 0.2397



5.5798, 0.2990, 0.3153



4.2928, 0.1690, 0.1283



0.0818, 0.1919, 0.2109

Previews

White Background



This preview shows how the Yxy color 21.7328, 0.3679, 0.3777 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 21.7328, 0.3679, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

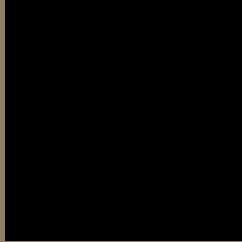
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.7328, 0.3679, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 21.7328, 0.3679, 0.3777.



This preview shows how white text looks on a background with the Yxy color 21.7328, 0.3679, 0.3777.

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

21.7328, 0.3679, 0.3777

Protanopia

21.6576, 0.3568, 0.3809

Deuteranopia

21.6461, 0.3773, 0.3696



Tritanopia

21.8537, 0.3344, 0.3140

Trichromacy



Original Color

21.7328, 0.3679, 0.3777

Protanomaly

21.6550, 0.3611, 0.3785

Deuteranomaly

21.6121, 0.3729, 0.3719

Tritanomaly

21.7009, 0.3474, 0.3359

Monochromacy



Original Color

21.7328, 0.3679, 0.3777

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.5314, 0.3324, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.7328, 0.3679, 0.3777 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(144, 126, 98)` looks like.

```
.text, #text, p{  
    color:rgb(144, 126, 98)  
}
```

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(144, 126, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 126, 98) }
```

Border

The CSS property to change the border of an element to Yxy 21.7328, 0.3679, 0.3777 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(144, 126, 98) }
```

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

```
.border{ border-color:rgb(144, 126, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 126, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 126, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 126, 98);  
box-shadow:4px 4px 4px 4px rgb(144, 126,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 21.7328, 0.3679, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 126, 98) }
```

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

```
.background{ background-color: rgb(144,  
126, 98) }
```

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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