

Converting Colors

$Y_{xy}(21.7150, 0.3504, 0.3513)$

Have a look what the booklet for
Yxy(21.7150, 0.3504, 0.3513)
contains.

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Color

Yxy(21.6767, 0.3502, 0.3517)

Conversions

Conversions Part 1

Format	Color
Hex	8F7D70
RGB	143, 125, 112
RGB Percent	56%, 49%, 44%
CMY	0.4393, 0.5098, 0.5608
CMYK	0.00, 0.13, 0.22, 0.44
HSL	25°, 12%, 50%
HSV	25°, 22%, 56%
XYZ	21.5842, 21.6767, 18.3731
YIQ	128.9000, 14.9010, -0.2270

Conversions

Conversions Part 2

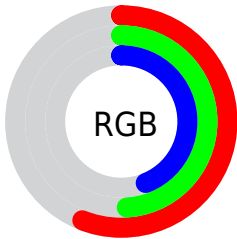
Format	Color
RYB	143, 134, 112
Decimal	9403760
CIELab	53.68, 4.69, 9.62
CIELCh	54, 10.707, 63.995
Yxy	21.6767, 0.3502, 0.3517
Android (android.graphics.Color)	4287593840 (0xFF8F7D70)
YUV	128.9000, -8.3317, 12.3657
Hunter-Lab	46.5582, 1.2751, 9.1934

Details

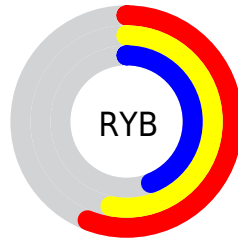
The Yxy color **21.6767, 0.3502, 0.3517** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.3857, 0.2799, 0.3052**, and the grayscale version is **21.9419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3914, 0.3414, 0.3470**, and **7.8144, 0.3655, 0.3605** is the 20% darker color. If you saturate the color by 10%, you get **19.3706, 0.3717, 0.3628**, and if you desaturate by 10%, it is **24.2108, 0.3315, 0.3409**.

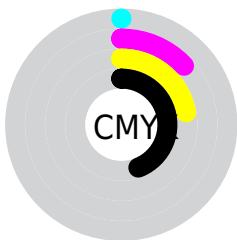
Distribution



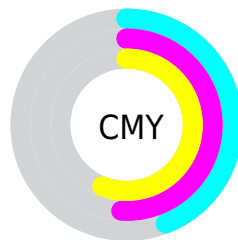
- Red (56%)
- Green (49%)
- Blue (44%)



- Red (56%)
- Yellow (53%)
- Blue (44%)



- Cyan (0%)
- Magenta (13%)
- Yellow (22%)
- Black (44%)





- Cyan (44%)
- Magenta (51%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6767, 0.3502, 0.3517 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 21.6767, 0.3502, 0.3517 by changing the saturation by 10% instead.


 21.6767, 0.3502,
0.3517


 21.6767, 0.3502,
0.3517


260.8532, 0.3290,
0.3391

 13.6195, 0.3565,
0.3553


 46.2111, 0.3418,
0.3468


 7.8565, 0.3654,
0.3602


 63.4571, 0.3388,
0.3451

 4.0033, 0.3787,
0.3674

 84.5348, 0.3364,
0.3436

 1.6754, 0.4008,
0.3785

 109.8286, 0.3345,
0.3424

 0.4077, 0.5519,
0.4481

139.7230, 0.3328,
0.3414

 0.0000, 0.0000,
0.0000

174.6023, 0.3313,

0.3406

214.8509, 0.3301,
0.3398

■ 21.6767, 0.3502,
0.3517

■ 21.6767, 0.3502,
0.3517

■ 19.3706, 0.3717,
0.3628

■ 24.2108, 0.3315,
0.3409

■ 17.2829, 0.3961,
0.3739

■ 26.9763, 0.3152,
0.3307

■ 15.4075, 0.4232,
0.3842

■ 29.9802, 0.3012,
0.3211

■ 13.7371, 0.4525,
0.3929

■ 33.2284, 0.2891,
0.3123

■ 12.2637, 0.4830,
0.3988

■ 36.7265, 0.2786,
0.3041

■ 10.9786, 0.5128,
0.4008

■ 40.4799, 0.2696,
0.2967

■ 9.8725, 0.5399,
0.3979

■ 44.4939, 0.2617,
0.2899

■ 9.0746, 0.5606,
0.3930

■ 48.7735, 0.2549,
0.2837

■ 53.3238, 0.2489,
0.2780

Harmonies

Analogous

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



21.6767, 0.3491, 0.3366



21.6767, 0.3502, 0.3517



21.6767, 0.3410, 0.3614

Triad

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



21.6767, 0.3502, 0.3517



21.6767, 0.2879, 0.3376



21.6767, 0.3004, 0.2979

Complementary

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



21.6767, 0.3502, 0.3517



21.3857, 0.2799, 0.3052

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.



21.6767, 0.2847, 0.2973



21.6767, 0.3502, 0.3517



21.6767, 0.2777, 0.3196

Square

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



21.6767, 0.3502, 0.3517



21.6767, 0.3048, 0.3536



21.6767, 0.2765, 0.3050



21.6767, 0.3199, 0.3062

Rectangle

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



21.6767, 0.3502, 0.3517



21.6767, 0.3304, 0.3631



21.6767, 0.2765, 0.3050



21.6767, 0.2945, 0.2968

Sweetspot

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



21.6777, 0.3502, 0.3517



45.5561, 0.3238, 0.3362



19.0391, 0.3311, 0.2980



10.3906, 0.3246, 0.3367



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.



21.6777, 0.3502, 0.3517



36.7643, 0.3603, 0.3571



25.8838, 0.3451, 0.3771



5.7730, 0.3272, 0.3383



8.0647, 0.5598, 0.3937



0.1191, 0.4914, 0.4480

Inverse Universe

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



21.3857, 0.2799, 0.3052



36.1436, 0.2724, 0.2991



17.5920, 0.2779, 0.2759



5.7419, 0.2990, 0.3195



7.2597, 0.1859, 0.1891



0.1131, 0.2048, 0.2571

Previews

White Background



This preview shows how the Yxy color 21.6767, 0.3502, 0.3517 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 21.6767, 0.3502, 0.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

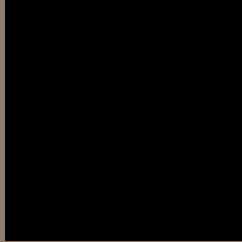
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

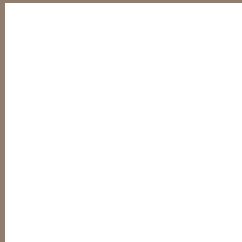
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.6767, 0.3502, 0.3517

Background



This preview shows how black text looks on a background with the Yxy color 21.6767, 0.3502, 0.3517.



This preview shows how white text looks on a background with the Yxy color 21.6767, 0.3502, 0.3517.

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

21.6767, 0.3502, 0.3517

Protanopia

21.7216, 0.3357, 0.3541

Deuteranopia

21.7882, 0.3557, 0.3496



Tritanopia

21.6048, 0.3295, 0.3122

Trichromacy



Original Color

21.6767, 0.3502, 0.3517

Protanomaly

21.6894, 0.3408, 0.3539

Deuteranomaly

21.6961, 0.3544, 0.3497

Tritanomaly

21.5759, 0.3364, 0.3257

Monochromacy



Original Color

21.6767, 0.3502, 0.3517

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.9367, 0.3254, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6767, 0.3502, 0.3517 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(143, 125, 112)` looks like.

```
.text, #text, p{  
    color:rgb(143, 125, 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(143, 125, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 125, 112) }
```

Border

The CSS property to change the border of an element to Yxy 21.6767, 0.3502, 0.3517 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(143, 125, 112) }
```

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

```
.border{ border-color:rgb(143, 125, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 125, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 125, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 125, 112);  
box-shadow:4px 4px 4px 4px rgb(143, 125,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6767, 0.3502, 0.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 125, 112) }
```

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

```
.background{ background-color: rgb(143,  
125, 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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