

Converting Colors

$Yxy(21.0026, 0.3466, 0.3518)$

Have a look what the booklet for
Yxy(21.0026, 0.3466, 0.3518)
contains.

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Color

Yxy(21.0520, 0.3466, 0.3521)

Conversions

Conversions Part 1

Format	Color
Hex	8B7C6F
RGB	139, 124, 111
RGB Percent	55%, 49%, 44%
CMY	0.4550, 0.5137, 0.5646
CMYK	0.00, 0.11, 0.20, 0.45
HSL	28°, 11%, 49%
HSV	28°, 20%, 55%
XYZ	20.7232, 21.0520, 18.0147
YIQ	127.0030, 13.1130, -0.8630

Conversions

Conversions Part 2

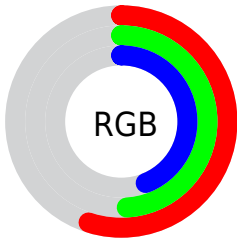
Format	Color
R_{YB}	139, 135, 111
Decimal	9141359
CIE _{Lab}	53.01, 3.50, 9.18
CIE _{LCh}	53, 9.824, 69.153
Yxy	21.0520, 0.3466, 0.3521
Android (android.graphics.Color)	4287331439 (0xFF8B7C6F)
YUV	127.0030, -7.8895, 10.5214
Hunter-Lab	45.8825, 0.3266, 8.8389

Details

The Yxy color **21.0520, 0.3466, 0.3521** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.1644, 0.2823, 0.3047**, and the grayscale version is **21.2490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.0325, 0.3390, 0.3459**, and **7.5149, 0.3621, 0.3612** is the 20% darker color. If you saturate the color by 10%, you get **18.9743, 0.3671, 0.3643**, and if you desaturate by 10%, it is **23.3200, 0.3286, 0.3403**.

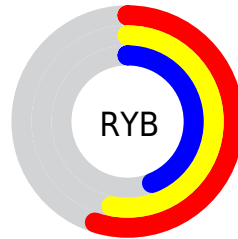
Distribution



Red (55%)

Green (49%)

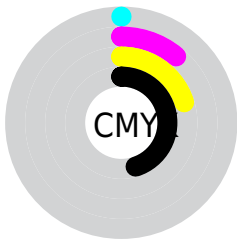
Blue (44%)



Red (55%)

Yellow (53%)

Blue (44%)

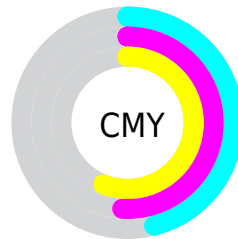


Cyan (0%)

Magenta (11%)

Yellow (20%)

Black (45%)



Cyan (46%)


Magenta (51%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.0520, 0.3466, 0.3521 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 21.0520, 0.3466, 0.3521 by changing the saturation by 10% instead.


 21.0520, 0.3466,
0.3521


 21.0520, 0.3466,
0.3521


257.5547, 0.3274,
0.3392


 13.1620, 0.3524,
0.3559


 45.1741, 0.3389,
0.3470


 7.5402, 0.3605,
0.3611


 62.1749, 0.3363,
0.3453

 3.8022, 0.3728,
0.3687

 82.9815, 0.3341,
0.3438

 1.5635, 0.3934,
0.3810

 107.9783, 0.3323,
0.3426

 0.3328, 0.5469,
0.4531

137.5496, 0.3308,
0.3415

 0.0000, 0.0000,
0.0000

172.0799, 0.3295,

0.3406

211.9534, 0.3283,
0.3399

■ 21.0520, 0.3466,
0.3521

■ 21.0520, 0.3466,
0.3521

■ 18.9743, 0.3671,
0.3643

■ 23.3200, 0.3286,
0.3403

■ 17.0789, 0.3901,
0.3765

■ 25.7807, 0.3129,
0.3291

■ 15.3611, 0.4155,
0.3880

■ 28.4396, 0.2992,
0.3187

■ 13.8151, 0.4428,
0.3980

■ 31.3016, 0.2873,
0.3090

■ 12.4344, 0.4711,
0.4055

■ 34.3711, 0.2770,
0.3002

■ 11.2124, 0.4989,
0.4092

■ 37.6524, 0.2680,
0.2920

■ 10.1415, 0.5245,
0.4081

■ 41.1497, 0.2601,
0.2846

■ 9.2176, 0.5475,
0.4034

■ 44.8670, 0.2532,
0.2778

■ 48.8084, 0.2472,
0.2715

Harmonies

Analogous

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



21.0520, 0.3473, 0.3387



21.0520, 0.3466, 0.3521



21.0520, 0.3366, 0.3598

Triad

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



21.0520, 0.3466, 0.3521



21.0520, 0.2875, 0.3341



21.0520, 0.3043, 0.3009

Complementary

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



21.0520, 0.3466, 0.3521



20.1644, 0.2823, 0.3047

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.



21.0520, 0.2888, 0.2991



21.0520, 0.3466, 0.3521



21.0520, 0.2794, 0.3177

Square

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



21.0520, 0.3466, 0.3521



21.0520, 0.3024, 0.3496



21.0520, 0.2798, 0.3050



21.0520, 0.3225, 0.3097

Rectangle

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



21.0520, 0.3466, 0.3521



21.0520, 0.3262, 0.3603



21.0520, 0.2798, 0.3050



21.0520, 0.2986, 0.2995

Sweetspot

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



21.0529, 0.3466, 0.3521



43.4898, 0.3221, 0.3358



18.3769, 0.3306, 0.3020



9.9654, 0.3230, 0.3364



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.



21.0529, 0.3466, 0.3521



36.0322, 0.3553, 0.3574



24.6943, 0.3423, 0.3749



5.4065, 0.3270, 0.3392



8.3550, 0.5469, 0.4040



0.0843, 0.4829, 0.4548

Inverse Universe

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



20.1644, 0.2823, 0.3047



34.1506, 0.2754, 0.2988



16.9244, 0.2807, 0.2785



5.3067, 0.2991, 0.3186



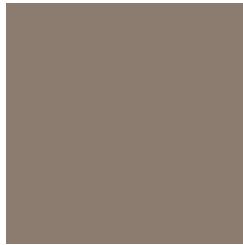
6.1901, 0.1817, 0.1741



0.0705, 0.2020, 0.2472

Previews

White Background



This preview shows how the Yxy color 21.0520, 0.3466, 0.3521 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 21.0520, 0.3466, 0.3521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

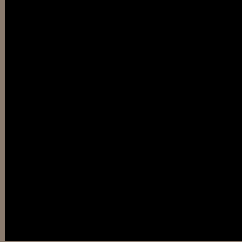
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

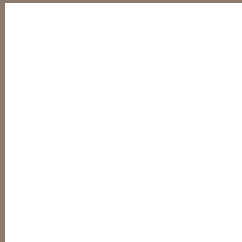
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.0520, 0.3466, 0.3521

Background



This preview shows how black text looks on a background with the Yxy color 21.0520, 0.3466, 0.3521.



This preview shows how white text looks on a background with the Yxy color 21.0520, 0.3466, 0.3521.

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

21.0520, 0.3466, 0.3521

Protanopia

20.9971, 0.3360, 0.3545

Deuteranopia

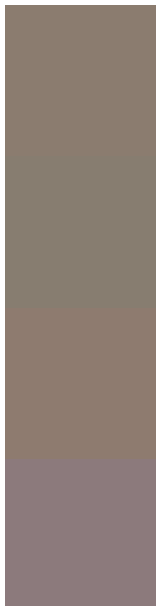
20.9961, 0.3538, 0.3482



Tritanopia

20.9762, 0.3259, 0.3119

Trichromacy



Original Color

21.0520, 0.3466, 0.3521

Protanomaly

20.9880, 0.3400, 0.3524

Deuteranomaly

21.0644, 0.3508, 0.3501

Tritanomaly

20.9498, 0.3328, 0.3256

Monochromacy



Original Color

21.0520, 0.3466, 0.3521

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.1275, 0.3244, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.0520, 0.3466, 0.3521 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(139, 124, 111)` looks like.

```
.text, #text, p{  
    color:rgb(139, 124, 111)  
}
```

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(139, 124, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 124, 111) }
```

Border

The CSS property to change the border of an element to Yxy 21.0520, 0.3466, 0.3521 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(139, 124, 111) }
```

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

```
.border{ border-color:rgb(139, 124, 111) }
```

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

Here you see how a box with a 4 pixel rgb(139, 124, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 124, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 124, 111);  
box-shadow:4px 4px 4px 4px rgb(139, 124,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 21.0520, 0.3466, 0.3521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 124, 111) }
```

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

```
.background{ background-color: rgb(139,  
124, 111) }
```

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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