

Converting Colors

$Y_{xy}(20.8800, 0.3517, 0.3537)$

Have a look what the booklet for
Yxy(20.8800, 0.3517, 0.3537)
contains.

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Color

Yxy(20.9328, 0.3520, 0.3538)

Conversions

Conversions Part 1

Format	Color
Hex	8D7B6D
RGB	141, 123, 109
RGB Percent	55%, 48%, 43%
CMY	0.4471, 0.5176, 0.5726
CMYK	0.00, 0.13, 0.23, 0.45
HSL	26°, 13%, 49%
HSV	26°, 23%, 55%
XYZ	20.8263, 20.9328, 17.4065
YIQ	126.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

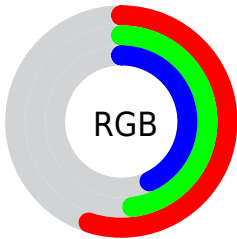
Format	Color
R_{YB}	141, 134, 109
Decimal	9272173
CIE _{Lab}	52.88, 4.56, 10.21
CIE _{LCh}	53, 11.177, 65.939
Yxy	20.9328, 0.3520, 0.3538
Android (android.graphics.Color)	4287462253 (0xFF8D7B6D)
YUV	126.7860, -8.7685, 12.4657
Hunter-Lab	45.7524, 1.1858, 9.4697

Details

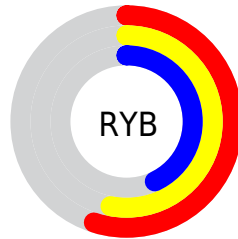
The Yxy color **20.9328, 0.3520, 0.3538** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.3448, 0.2783, 0.3028**, and the grayscale version is **21.1729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.8001, 0.3437, 0.3485**, and **7.4190, 0.3667, 0.3611** is the 20% darker color. If you saturate the color by 10%, you get **18.7671, 0.3735, 0.3654**, and if you desaturate by 10%, it is **23.3083, 0.3331, 0.3425**.

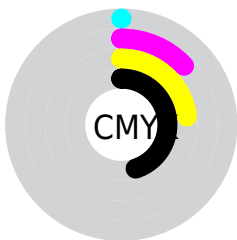
Distribution



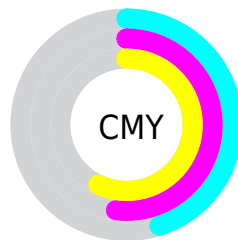
- Red (55%)
- Green (48%)
- Blue (43%)



- Red (55%)
- Yellow (53%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (45%)



- Cyan (45%)
- Magenta (52%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 20.9328, 0.3520, 0.3538 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 20.9328, 0.3520, 0.3538 by changing the saturation by 10% instead.

■ 20.9328, 0.3520,
0.3538

■ 20.9328, 0.3520,
0.3538

256.9211, 0.3297,
0.3400

■ 13.0749, 0.3587,
0.3578

■ 44.9757, 0.3431,
0.3484

■ 7.4801, 0.3682,
0.3633

■ 61.9294, 0.3400,
0.3465

■ 3.7641, 0.3825,
0.3713

■ 82.6839, 0.3375,
0.3449

■ 1.5425, 0.4068,
0.3843

■ 107.6235, 0.3354,
0.3436

■ 0.3184, 0.5652,
0.4348

137.1326, 0.3336,
0.3425

■ 0.0000, 0.0000,
0.0000

171.5957, 0.3321,

0.3416

211.3971, 0.3308,
0.3407

■ 20.9328, 0.3520,
0.3538

■ 20.9328, 0.3520,
0.3538

■ 18.7671, 0.3735,
0.3654

■ 23.3083, 0.3331,
0.3425

■ 16.8022, 0.3978,
0.3768

■ 25.8964, 0.3168,
0.3318

■ 15.0327, 0.4245,
0.3874

■ 28.7037, 0.3026,
0.3217

■ 13.4517, 0.4533,
0.3963

■ 31.7354, 0.2903,
0.3125

■ 12.0521, 0.4829,
0.4023

■ 34.9967, 0.2796,
0.3039

■ 10.8259, 0.5116,
0.4043

■ 38.4926, 0.2704,
0.2961

■ 9.7644, 0.5375,
0.4013

■ 42.2278, 0.2623,
0.2889

■ 9.0819, 0.5553,
0.3973

■ 46.2070, 0.2553,
0.2823

■ 50.4346, 0.2491,
0.2763

Harmonies

Analogous

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



20.9328, 0.3516, 0.3380



20.9328, 0.3520, 0.3538



20.9328, 0.3416, 0.3636

Triad

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



20.9328, 0.3520, 0.3538



20.9328, 0.2855, 0.3369



20.9328, 0.3010, 0.2966

Complementary

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



20.9328, 0.3520, 0.3538



20.3448, 0.2783, 0.3028

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.



20.9328, 0.2840, 0.2954



20.9328, 0.3520, 0.3538



20.9328, 0.2754, 0.3179

Square

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



20.9328, 0.3520, 0.3538



20.9328, 0.3030, 0.3541



20.9328, 0.2748, 0.3029



20.9328, 0.3216, 0.3057

Rectangle

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



20.9328, 0.3520, 0.3538



20.9328, 0.3301, 0.3650



20.9328, 0.2748, 0.3029



20.9328, 0.2947, 0.2952

Sweetspot

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



20.9337, 0.3520, 0.3538



44.2708, 0.3238, 0.3365



18.1320, 0.3328, 0.2974



9.8382, 0.3245, 0.3370



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.



20.9337, 0.3520, 0.3538



35.5541, 0.3621, 0.3594



25.1906, 0.3464, 0.3802



5.7885, 0.3271, 0.3387



8.3124, 0.5547, 0.3978



0.1221, 0.4878, 0.4508

Inverse Universe

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



20.3448, 0.2783, 0.3028



34.3144, 0.2708, 0.2964



16.5683, 0.2761, 0.2721



5.7261, 0.2990, 0.3191



6.9149, 0.1841, 0.1828



0.1101, 0.2037, 0.2531

Previews

White Background



This preview shows how the Yxy color 20.9328, 0.3520, 0.3538 looks on a white background.

Color Contrast Check

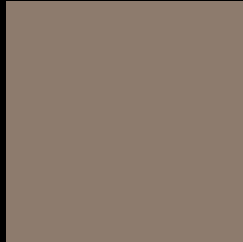
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.9328, 0.3520, 0.3538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

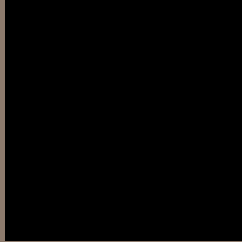
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

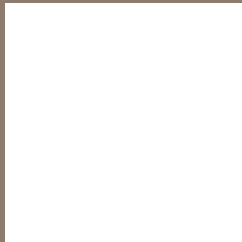
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 20.9328, 0.3520, 0.3538

Background



This preview shows how black text looks on a background with the Yxy color 20.9328, 0.3520, 0.3538.



This preview shows how white text looks on a background with the Yxy color 20.9328, 0.3520, 0.3538.

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

20.9328, 0.3520, 0.3538

Protanopia

20.9530, 0.3383, 0.3582

Deuteranopia

21.0429, 0.3576, 0.3516



Tritanopia

20.8576, 0.3309, 0.3137

Trichromacy



Original Color

20.9328, 0.3520, 0.3538

Protanomaly

20.9439, 0.3424, 0.3561

Deuteranomaly

20.9525, 0.3563, 0.3517

Tritanomaly

20.8307, 0.3379, 0.3273

Monochromacy



Original Color

20.9328, 0.3520, 0.3538

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.1833, 0.3267, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.9328, 0.3520, 0.3538 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(141, 123, 109)` looks like.

```
.text, #text, p{  
    color:rgb(141, 123, 109)  
}
```

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(141, 123, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 123, 109) }
```

Border

The CSS property to change the border of an element to Yxy 20.9328, 0.3520, 0.3538 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(141, 123, 109) }
```

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

```
.border{ border-color:rgb(141, 123, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 123, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 123, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 123, 109);  
box-shadow:4px 4px 4px 4px rgb(141, 123,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 20.9328, 0.3520, 0.3538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 123, 109) }
```

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

```
.background{ background-color: rgb(141,  
123, 109) }
```

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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