

Converting Colors

$Y_{xy}(20.1171, 0.3721, 0.3714)$

Have a look what the booklet for
Yxy(20.1171, 0.3721, 0.3714)
contains.

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Color

Yxy(20.1171, 0.3721, 0.3714)

Conversions

Conversions Part 1

Format	Color
Hex	8F7860
RGB	143, 120, 96
RGB Percent	56%, 47%, 38%
CMY	0.4393, 0.5294, 0.6234
CMYK	0.00, 0.16, 0.33, 0.44
HSL	31°, 20%, 47%
HSV	31°, 33%, 56%
XYZ	20.1550, 20.1171, 13.8935
YIQ	124.1410, 21.4120, -2.5880

Conversions

Conversions Part 2

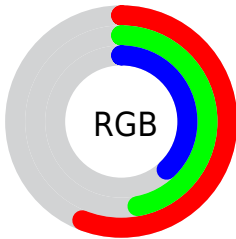
Format	Color
R_{YB}	141, 143, 96
Decimal	9402464
CIE _{Lab}	51.97, 5.19, 16.50
CIE _{LCh}	52, 17.297, 72.539
Yxy	20.1171, 0.3721, 0.3714
Android (android.graphics.Color)	4287592544 (0xFF8F7860)
YUV	124.1410, -13.8735, 16.5393
Hunter-Lab	44.8521, 1.7207, 13.0307

Details

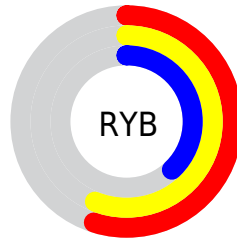
The Yxy color **20.1171, 0.3721, 0.3714** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.6673, 0.2618, 0.2823**, and the grayscale version is **20.2480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.4819, 0.3579, 0.3616**, and **7.1403, 0.3959, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **18.2557, 0.3949, 0.3846**, and if you desaturate by 10%, it is **22.1513, 0.3515, 0.3580**.

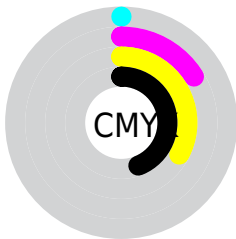
Distribution



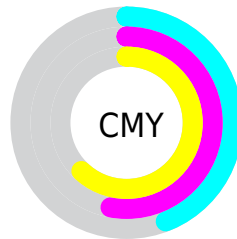
- Red (56%)
- Green (47%)
- Blue (38%)



- Red (55%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (33%)
- Black (44%)





- Cyan (44%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.1171, 0.3721, 0.3714 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 20.1171, 0.3721, 0.3714 by changing the saturation by 10% instead.


 20.1171, 0.3721,
0.3714


 20.1171, 0.3721,
0.3714


252.5483, 0.3382,
0.3478


 12.4802, 0.3823,
0.3781


 43.6134, 0.3586,
0.3622


 7.0716, 0.3965,
0.3872


 60.2416, 0.3539,
0.3590

 3.5069, 0.4176,
0.4001

 80.6357, 0.3501,
0.3563

 1.4018, 0.4720,
0.4377

 105.1801, 0.3469,
0.3540

 0.2180, 0.6050,
0.3950

134.2592, 0.3442,
0.3521

 0.0000, 0.0000,
0.0000

168.2573, 0.3419,

0.3505

207.5589, 0.3399,
0.3491

■ 20.1171, 0.3721,
0.3714

■ 20.1171, 0.3721,
0.3714

■ 18.2557, 0.3949,
0.3846

■ 22.1513, 0.3515,
0.3580

■ 16.5592, 0.4197,
0.3969

■ 24.3604, 0.3331,
0.3449

■ 15.0228, 0.4457,
0.4074

■ 26.7502, 0.3169,
0.3324

■ 13.6407, 0.4720,
0.4149

■ 29.3250, 0.3027,
0.3207

■ 12.4064, 0.4971,
0.4182

■ 32.0892, 0.2903,
0.3098

■ 11.3124, 0.5195,
0.4166

■ 35.0470, 0.2794,
0.2998

■ 10.6050, 0.5347,
0.4136

■ 38.2024, 0.2699,
0.2905

■ 41.5592, 0.2615,
0.2821

■ 45.1213, 0.2542,
0.2743

Harmonies

Analogous

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



20.1171, 0.3757, 0.3479



20.1171, 0.3721, 0.3714



20.1171, 0.3521, 0.3850

Triad

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



20.1171, 0.3721, 0.3714



20.1171, 0.2658, 0.3342



20.1171, 0.3008, 0.2815

Complementary

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



20.1171, 0.3721, 0.3714



17.6673, 0.2618, 0.2823

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.



20.1171, 0.2729, 0.2764



20.1171, 0.3721, 0.3714



20.1171, 0.2536, 0.3049

Square

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



20.1171, 0.3721, 0.3714



20.1171, 0.2905, 0.3637



20.1171, 0.2561, 0.2843



20.1171, 0.3334, 0.2976

Rectangle

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



20.1171, 0.3721, 0.3714



20.1171, 0.3326, 0.3856



20.1171, 0.2561, 0.2843



20.1171, 0.2906, 0.2784

Sweetspot

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



20.1180, 0.3721, 0.3714



44.7277, 0.3287, 0.3416



15.5536, 0.3492, 0.2878



10.1362, 0.3308, 0.3432



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.



20.1180, 0.3721, 0.3714



33.6737, 0.3878, 0.3807



26.3253, 0.3605, 0.4081



5.8507, 0.3270, 0.3403



9.4204, 0.5340, 0.4142



0.1342, 0.4749, 0.4611

Inverse Universe

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



17.6673, 0.2618, 0.2823



28.6197, 0.2507, 0.2705



12.8419, 0.2561, 0.2355



5.6634, 0.2990, 0.3175



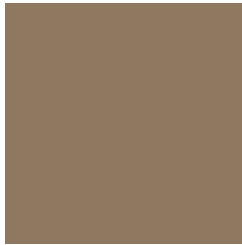
5.6667, 0.1774, 0.1585



0.0980, 0.1990, 0.2363

Previews

White Background



This preview shows how the Yxy color 20.1171, 0.3721, 0.3714 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 20.1171, 0.3721, 0.3714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

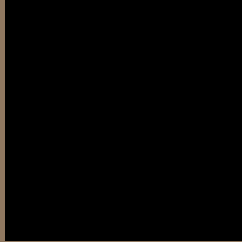
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.1171, 0.3721, 0.3714

Background



This preview shows how black text looks on a background with the Yxy color 20.1171, 0.3721, 0.3714.



This preview shows how white text looks on a background with the Yxy color 20.1171, 0.3721, 0.3714.

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

20.1171, 0.3721, 0.3714

Protanopia

20.2027, 0.3532, 0.3770

Deuteranopia

20.0579, 0.3754, 0.3693



Tritanopia

20.0824, 0.3406, 0.3137

Trichromacy



Original Color

20.1171, 0.3721, 0.3714

Protanomaly

20.2632, 0.3601, 0.3763

Deuteranomaly

19.9675, 0.3740, 0.3695

Tritanomaly

19.9572, 0.3531, 0.3343

Monochromacy



Original Color

20.1171, 0.3721, 0.3714

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.2061, 0.3331, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.1171, 0.3721, 0.3714 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, 120, 96)` looks like.

```
.text, #text, p{  
    color:rgb(143, 120, 96)  
}
```

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, 120, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 120, 96) }
```

Border

The CSS property to change the border of an element to Yxy 20.1171, 0.3721, 0.3714 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, 120, 96) }
```

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

```
.border{ border-color:rgb(143, 120, 96) }
```

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

Here you see how a box with a 4 pixel rgb(143, 120, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 120, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 120, 96);  
box-shadow:4px 4px 4px 4px rgb(143, 120,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 20.1171, 0.3721, 0.3714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 120, 96) }
```

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

```
.background{ background-color: rgb(143,  
120, 96) }
```

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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