

Converting Colors

$Y_{xy}(20.8169, 0.3715, 0.3408)$

Have a look what the booklet for
Yxy(20.8169, 0.3715, 0.3408)
contains.

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Color

Yxy(20.8169, 0.3715, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	9B756E
RGB	155, 117, 110
RGB Percent	61%, 46%, 43%
CMY	0.3922, 0.5411, 0.5686
CMYK	0.00, 0.25, 0.29, 0.39
HSL	9°, 18%, 52%
HSV	9°, 29%, 61%
XYZ	22.6921, 20.8169, 17.5734
YIQ	127.5640, 24.8950, 5.8790

Conversions

Conversions Part 2

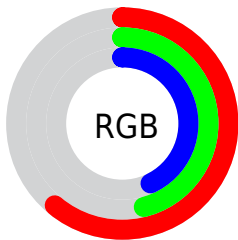
Format	Color
R_{YB}	155, 118, 110
Decimal	10188142
CIE _{Lab}	52.75, 13.85, 9.64
CIE _{LCh}	53, 16.876, 34.836
Yxy	20.8169, 0.3715, 0.3408
Android (android.graphics.Color)	4288378222 (0xFF9B756E)
YUV	127.5640, -8.6591, 24.0614
Hunter-Lab	45.6255, 8.9333, 9.1014

Details

The Yxy color $20.8169, 0.3715, 0.3408$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.8561, 0.2705, 0.3168$, and the grayscale version is $21.4520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $44.6862, 0.3575, 0.3378$, and $7.4876, 0.3972, 0.3462$ is the 20% darker color. If you saturate the color by 10%, you get $17.6700, 0.4003, 0.3451$, and if you desaturate by 10%, it is $24.4511, 0.3475, 0.3365$.

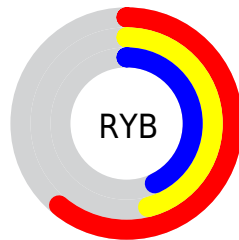
Distribution



Red (61%)

Green (46%)

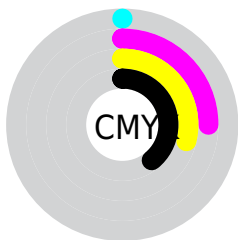
Blue (43%)



Red (61%)

Yellow (46%)

Blue (43%)

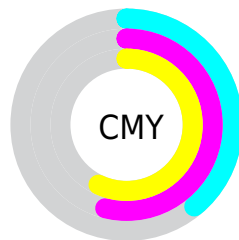


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (39%)



Cyan (39%)


Magenta (54%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.8169, 0.3715, 0.3408 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 20.8169, 0.3715, 0.3408 by changing the saturation by 10% instead.


 20.8169, 0.3715,
0.3408

 20.8169, 0.3715,
0.3408


256.3038, 0.3379,
0.3348


 12.9902, 0.3817,
0.3423


 44.7826, 0.3581,
0.3386


 7.4218, 0.3960,
0.3440


 61.6904, 0.3534,
0.3378

 3.7273, 0.4178,
0.3461

 82.3941, 0.3496,
0.3371

 1.5222, 0.4546,
0.3481

 107.2780, 0.3465,
0.3365

 0.3043, 0.6734,
0.3266


136.7265, 0.3438,
0.3360


 0.0000, 0.0000,
0.0000

171.1241, 0.3416,


0.3355


210.8550, 0.3396,
0.3351


 20.8169, 0.3715,
0.3408


 20.8169, 0.3715,
0.3408


 17.6700, 0.4003,
0.3451


 24.4511, 0.3475,
0.3365


 14.9867, 0.4344,
0.3489


 28.5891, 0.3276,
0.3325


 12.7459, 0.4731,
0.3520

 33.2501, 0.3113,
0.3286

 10.9237, 0.5151,
0.3534

 38.4517, 0.2978,
0.3251

 9.4937, 0.5567,
0.3525

 44.2104, 0.2866,
0.3220

■ 8.4265, 0.5931,
0.3489

■ 50.5420, 0.2773,
0.3191

■ 7.6841, 0.6208,
0.3437

■ 57.4620, 0.2695,
0.3165

■ 7.6269, 0.6233,
0.3433

■ 64.9849, 0.2629,
0.3141

■ 73.1250, 0.2574,
0.3119

Harmonies

Analogous

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



20.8169, 0.3536, 0.3153



20.8169, 0.3715, 0.3408



20.8169, 0.3726, 0.3648

Triad

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



20.8169, 0.3715, 0.3408



20.8169, 0.2988, 0.3685



20.8169, 0.2689, 0.2789

Complementary

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



20.8169, 0.3715, 0.3408



26.8561, 0.2705, 0.3168

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.



20.8169, 0.2560, 0.2899



20.8169, 0.3715, 0.3408



20.8169, 0.2726, 0.3417

Square

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



20.8169, 0.3715, 0.3408



20.8169, 0.3297, 0.3830



20.8169, 0.2573, 0.3125



20.8169, 0.2936, 0.2806

Rectangle

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



20.8169, 0.3715, 0.3408



20.8169, 0.3637, 0.3769



20.8169, 0.2573, 0.3125



20.8169, 0.2631, 0.2812

Sweetspot

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



20.8179, 0.3715, 0.3408



51.0905, 0.3279, 0.3325



20.2653, 0.3241, 0.2685



11.3223, 0.3304, 0.3331



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



20.8179, 0.3715, 0.3408



33.4407, 0.3901, 0.3437



26.6298, 0.3617, 0.3763



6.3704, 0.3280, 0.3325



6.1651, 0.6221, 0.3442



0.1268, 0.5650, 0.3896

Inverse Universe

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



26.8561, 0.2705, 0.3168



46.0888, 0.2617, 0.3136



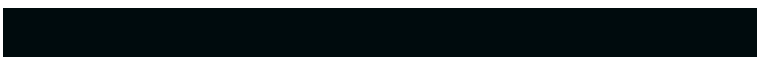
20.5383, 0.2664, 0.2766



6.8626, 0.2989, 0.3254



14.9532, 0.2111, 0.2799



0.2624, 0.2177, 0.3039

Previews

White Background



This preview shows how the Yxy color 20.8169, 0.3715, 0.3408 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 20.8169, 0.3715, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

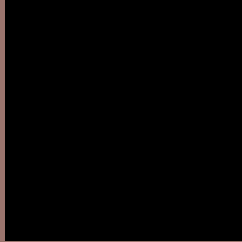
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.8169, 0.3715, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 20.8169, 0.3715, 0.3408.



This preview shows how white text looks on a background with the Yxy color 20.8169, 0.3715, 0.3408.

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

20.8169, 0.3715, 0.3408

Protanopia

20.9619, 0.3324, 0.3509

Deuteranopia

20.7082, 0.3566, 0.3500



Tritanopia

20.7846, 0.3552, 0.3144

Trichromacy



Original Color

20.8169, 0.3715, 0.3408

Protanomaly

20.9336, 0.3458, 0.3467

Deuteranomaly

20.8330, 0.3623, 0.3480

Tritanomaly

20.8906, 0.3614, 0.3242

Monochromacy



Original Color

20.8169, 0.3715, 0.3408

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.1991, 0.3334, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.8169, 0.3715, 0.3408 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(155, 117, 110)` looks like.

```
.text, #text, p{  
    color:rgb(155, 117, 110)  
}
```

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(155, 117, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 117, 110) }
```

Border

The CSS property to change the border of an element to Yxy 20.8169, 0.3715, 0.3408 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(155, 117, 110) }
```

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

```
.border{ border-color:rgb(155, 117, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 117, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 117, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 117, 110);  
box-shadow:4px 4px 4px 4px rgb(155, 117,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 20.8169, 0.3715, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 117, 110) }
```

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

```
.background{ background-color: rgb(155,  
117, 110) }
```

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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