

Converting Colors

$Y_{xy}(22.8165, 0.3515, 0.3406)$

Have a look what the booklet for
Yxy(22.8165, 0.3515, 0.3406)
contains.

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Color

Yxy(22.8329, 0.3515, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	977E77
RGB	151, 126, 119
RGB Percent	59%, 49%, 47%
CMY	0.4079, 0.5058, 0.5334
CMYK	0.00, 0.17, 0.21, 0.41
HSL	13°, 13%, 53%
HSV	13°, 21%, 59%
XYZ	23.5498, 22.8329, 20.6153
YIQ	132.6770, 17.1470, 3.1230

Conversions

Conversions Part 2

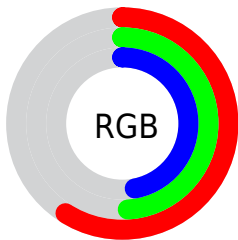
Format	Color
R_{YB}	151, 128, 119
Decimal	9928311
CIE Lab	54.90, 8.44, 7.40
CIE LCh	55, 11.222, 41.240
Yxy	22.8329, 0.3515, 0.3408
Android (android.graphics.Color)	4288118391 (0xFF977E77)
YUV	132.6770, -6.7428, 16.0693
Hunter-Lab	47.7838, 4.3504, 7.8693

Details

The Yxy color $22.8329, 0.3515, 0.3408$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $26.0886, 0.2813, 0.3169$, and the grayscale version is $23.3519, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.3023, 0.3433, 0.3390$, and $8.4720, 0.3672, 0.3439$ is the 20% darker color. If you saturate the color by 10%, you get $19.6610, 0.3756, 0.3468$, and if you desaturate by 10%, it is $26.4196, 0.3313, 0.3350$.

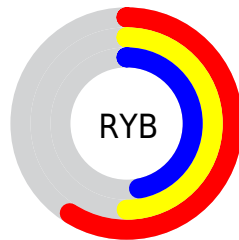
Distribution



Red (59%)

Green (49%)

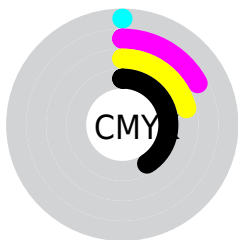
Blue (47%)



Red (59%)

Yellow (50%)

Blue (47%)

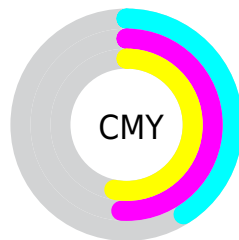


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (41%)



Cyan (41%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.8329, 0.3515, 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 22.8329, 0.3515, 0.3408 by changing the saturation by 10% instead.


 22.8329, 0.3515,
0.3408


 22.8329, 0.3515,
0.3408


266.8656, 0.3297,
0.3345


 14.4702, 0.3580,
0.3425


 48.1188, 0.3429,
0.3384

 8.4484, 0.3670,
0.3448


 65.8108, 0.3399,
0.3375

 4.3832, 0.3805,
0.3479

 87.3813, 0.3374,
0.3368

 1.8901, 0.4027,
0.3523

113.2147, 0.3353,
0.3362

 0.5424, 0.5395,
0.4056

143.6954, 0.3336,
0.3357

 0.0000, 0.0000,
0.0000

179.2079, 0.3321,

0.3352

220.1365, 0.3308,
0.3348

■ 22.8329, 0.3515,
0.3408

■ 22.8329, 0.3515,
0.3408

■ 19.6610, 0.3756,
0.3468

■ 26.4196, 0.3313,
0.3350

■ 16.8856, 0.4041,
0.3527

■ 30.4321, 0.3145,
0.3296

■ 14.4921, 0.4372,
0.3580

■ 34.8850, 0.3005,
0.3246

■ 12.4633, 0.4743,
0.3621

■ 39.7912, 0.2888,
0.3200

■ 10.7810, 0.5139,
0.3641

■ 45.1631, 0.2789,
0.3159

■ 9.4251, 0.5528,
0.3630

■ 51.0125, 0.2706,
0.3121

■ 8.3735, 0.5868,
0.3582

■ 57.3511, 0.2636,
0.3086

■ 7.6731, 0.6115,
0.3526

■ 64.1898, 0.2576,
0.3055

■ 71.5394, 0.2524,
0.3027

Harmonies

Analogous

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



22.8329, 0.3422, 0.3238



22.8329, 0.3515, 0.3408



22.8329, 0.3499, 0.3554

Triad

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



22.8329, 0.3515, 0.3408



22.8329, 0.2999, 0.3509



22.8329, 0.2872, 0.2957

Complementary

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



22.8329, 0.3515, 0.3408



26.0886, 0.2813, 0.3169

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.



22.8329, 0.2767, 0.3016



22.8329, 0.3515, 0.3408



22.8329, 0.2838, 0.3334

Square

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



22.8329, 0.3515, 0.3408



22.8329, 0.3198, 0.3621



22.8329, 0.2754, 0.3152



22.8329, 0.3047, 0.2984

Rectangle

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



22.8329, 0.3515, 0.3408



22.8329, 0.3431, 0.3618



22.8329, 0.2754, 0.3152



22.8329, 0.2827, 0.2968

Sweetspot

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



22.8339, 0.3515, 0.3408



50.8739, 0.3224, 0.3322



21.7838, 0.3231, 0.2885



11.4677, 0.3234, 0.3326



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



22.8339, 0.3515, 0.3408



38.3643, 0.3614, 0.3434



27.2301, 0.3464, 0.3664



6.4317, 0.3278, 0.3339



6.5661, 0.6105, 0.3534



0.1444, 0.5430, 0.4070

Inverse Universe

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



26.0886, 0.2813, 0.3169



45.1676, 0.2751, 0.3141



21.6073, 0.2794, 0.2886



6.7964, 0.2989, 0.3240



12.9371, 0.2051, 0.2584



0.2444, 0.2148, 0.2932

Previews

White Background



This preview shows how the Yxy color 22.8329, 0.3515, 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 22.8329, 0.3515, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

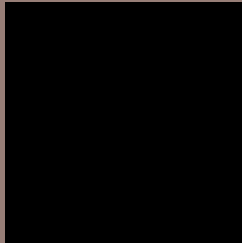
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.8329, 0.3515, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 22.8329, 0.3515, 0.3408.



This preview shows how white text looks on a background with the Yxy color 22.8329, 0.3515, 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

22.8329, 0.3515, 0.3408

Protanopia

22.8720, 0.3284, 0.3448

Deuteranopia

22.9002, 0.3487, 0.3425



Tritanopia

22.8811, 0.3377, 0.3144

Trichromacy



Original Color

22.8329, 0.3515, 0.3408

Protanomaly

22.7437, 0.3360, 0.3429

Deuteranomaly

22.9947, 0.3499, 0.3425

Tritanomaly

22.9011, 0.3422, 0.3242

Monochromacy



Original Color

22.8329, 0.3515, 0.3408

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.0992, 0.3266, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.8329, 0.3515, 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(151, 126, 119)` looks like.

```
.text, #text, p{  
    color:rgb(151, 126, 119)  
}
```

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(151, 126, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 126, 119) }
```

Border

The CSS property to change the border of an element to Yxy 22.8329, 0.3515, 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(151, 126, 119) }
```

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

```
.border{ border-color:rgb(151, 126, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 126, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 126, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 126, 119);  
box-shadow:4px 4px 4px 4px rgb(151, 126,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 22.8329, 0.3515, 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(151, 126, 119) }
```

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

```
.background{ background-color: rgb(151,  
126, 119) }
```

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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