

Converting Colors

$Y_{xy}(21.9746, 0.3605, 0.3391)$

Have a look what the booklet for
Yxy(21.9746, 0.3605, 0.3391)
contains.

Yxy(22.0500, 0.3604, 0.3391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.0500, 0.3604, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	9A7A74
RGB	154, 122, 116
RGB Percent	60%, 48%, 45%
CMY	0.3962, 0.5215, 0.5451
CMYK	0.00, 0.21, 0.25, 0.40
HSL	10°, 16%, 53%
HSV	10°, 25%, 60%
XYZ	23.4350, 22.0500, 19.5400
YIQ	130.8840, 20.9980, 4.9180

Conversions

Conversions Part 2

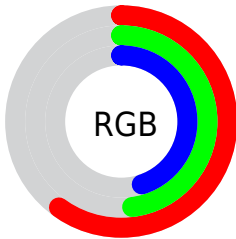
Format	Color
R_{YB}	154, 123, 116
Decimal	10123892
CIE _{Lab}	54.08, 11.46, 8.02
CIE _{LCh}	54, 13.986, 34.971
Yxy	22.0500, 0.3604, 0.3391
Android (android.graphics.Color)	4288313972 (0xFF9A7A74)
YUV	130.8840, -7.3378, 20.2727
Hunter-Lab	46.9574, 6.9085, 8.1983

Details

The Yxy color $22.0500, 0.3604, 0.3391$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $27.2109, 0.2765, 0.3186$, and the grayscale version is $22.6742, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.6546, 0.3498, 0.3365$, and $8.0072, 0.3796, 0.3413$ is the 20% darker color. If you saturate the color by 10%, you get $18.7490, 0.3870, 0.3435$, and if you desaturate by 10%, it is $25.8367, 0.3383, 0.3348$.

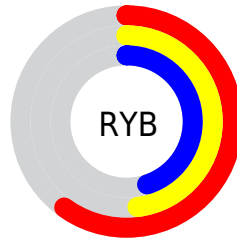
Distribution



Red (60%)

Green (48%)

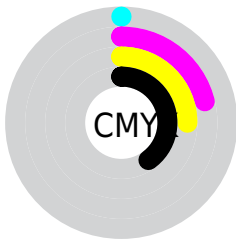
Blue (45%)



Red (60%)

Yellow (48%)

Blue (45%)

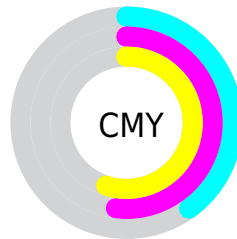


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (40%)



Cyan (40%)


Magenta (52%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0500, 0.3604, 0.3391 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 22.0500, 0.3604, 0.3391 by changing the saturation by 10% instead.


 22.0500, 0.3604,
0.3391


 22.0500, 0.3604,
0.3391


262.8073, 0.3334,
0.3339


 13.8936, 0.3685,
0.3404


 46.8286, 0.3497,
0.3372

 8.0467, 0.3798,
0.3421


 64.2197, 0.3459,
0.3364

 4.1249, 0.3968,
0.3443

 85.4578, 0.3429,
0.3358

 1.7437, 0.4250,
0.3468

110.9272, 0.3404,
0.3353

 0.4517, 0.6109,
0.3891

141.0126, 0.3382,
0.3349

 0.0000, 0.0000,
0.0000

176.0981, 0.3364,

0.3345

216.5682, 0.3348,
0.3342

■ 22.0500, 0.3604,
0.3391

■ 22.0500, 0.3604,
0.3391

■ 18.7490, 0.3870,
0.3435

■ 25.8367, 0.3383,
0.3348

■ 15.9110, 0.4187,
0.3476

■ 30.1245, 0.3201,
0.3308

■ 13.5162, 0.4554,
0.3512


■ 34.9319, 0.3051,
0.3270

■ 11.5419, 0.4961,
0.3535


■ 40.2755, 0.2927,
0.3236

■ 9.9637, 0.5383,
0.3537

■ 46.1713, 0.2823,
0.3205


 8.7543, 0.5776,
0.3513

 52.6345, 0.2737,
0.3177

 7.8828, 0.6088,
0.3461

 59.6797, 0.2665,
0.3152

 7.5387, 0.6227,
0.3437

 67.3210, 0.2604,
0.3128

 75.5721, 0.2552,
0.3107

Harmonies

Analogous

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



22.0500, 0.3460, 0.3180



22.0500, 0.3604, 0.3391



22.0500, 0.3613, 0.3586

Triad

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



22.0500, 0.3604, 0.3391



22.0500, 0.3015, 0.3607



22.0500, 0.2770, 0.2880

Complementary

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



22.0500, 0.3604, 0.3391



27.2109, 0.2765, 0.3186

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.



22.0500, 0.2662, 0.2972



22.0500, 0.3604, 0.3391



22.0500, 0.2799, 0.3393

Square

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



22.0500, 0.3604, 0.3391



22.0500, 0.3266, 0.3725



22.0500, 0.2673, 0.3158



22.0500, 0.2974, 0.2893

Rectangle

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



22.0500, 0.3604, 0.3391



22.0500, 0.3542, 0.3682



22.0500, 0.2673, 0.3158



22.0500, 0.2722, 0.2899

Sweetspot

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



22.0510, 0.3604, 0.3391



52.7299, 0.3243, 0.3318



21.5033, 0.3221, 0.2778



11.8386, 0.3252, 0.3320



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.



22.0510, 0.3604, 0.3391



36.4075, 0.3756, 0.3417



27.0855, 0.3535, 0.3689



6.3731, 0.3279, 0.3326



6.1802, 0.6217, 0.3446



0.1276, 0.5639, 0.3904

Inverse Universe

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



27.2109, 0.2765, 0.3186



47.5433, 0.2684, 0.3158



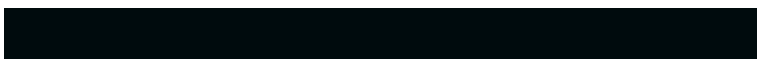
21.8206, 0.2738, 0.2856



6.8597, 0.2989, 0.3254



14.8604, 0.2108, 0.2789



0.2616, 0.2176, 0.3034

Previews

White Background



This preview shows how the Yxy color 22.0500, 0.3604, 0.3391 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 22.0500, 0.3604, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

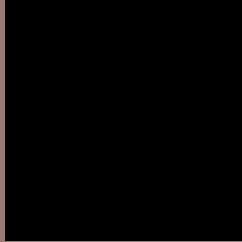
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0500, 0.3604, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 22.0500, 0.3604, 0.3391.



This preview shows how white text looks on a background with the Yxy color 22.0500, 0.3604, 0.3391.

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

22.0500, 0.3604, 0.3391

Protanopia

22.1249, 0.3286, 0.3450

Deuteranopia

22.1081, 0.3517, 0.3461



Tritanopia

21.9865, 0.3461, 0.3145

Trichromacy



Original Color

22.0500, 0.3604, 0.3391

Protanomaly

21.9163, 0.3390, 0.3412

Deuteranomaly

22.1371, 0.3558, 0.3443

Tritanomaly

22.0985, 0.3520, 0.3242

Monochromacy



Original Color

22.0500, 0.3604, 0.3391

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.4337, 0.3280, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0500, 0.3604, 0.3391 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(154, 122, 116)` looks like.

```
.text, #text, p{  
    color:rgb(154, 122, 116)  
}
```

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(154, 122, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 122, 116) }
```

Border

The CSS property to change the border of an element to Yxy 22.0500, 0.3604, 0.3391 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(154, 122, 116) }
```

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

```
.border{ border-color:rgb(154, 122, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 122, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 122, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 122, 116);  
box-shadow:4px 4px 4px 4px rgb(154, 122,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0500, 0.3604, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 122, 116) }
```

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

```
.background{ background-color: rgb(154,  
122, 116) }
```

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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