

Converting Colors

$Y_{xy}(21.9205, 0.3426, 0.3316)$

Have a look what the booklet for
Yxy(21.9205, 0.3426, 0.3316)
contains.

Yxy(21.9314, 0.3422, 0.3325)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(21.9314, 0.3422, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	927C7A
RGB	146, 124, 122
RGB Percent	57%, 49%, 48%
CMY	0.4276, 0.5137, 0.5216
CMYK	0.00, 0.15, 0.16, 0.43
HSL	5°, 10%, 53%
HSV	5°, 16%, 57%
XYZ	22.5712, 21.9314, 21.4565
YIQ	130.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

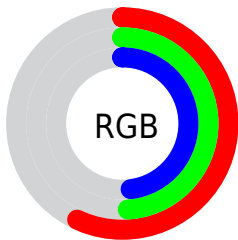
Format	Color
R_{YB}	146, 124, 122
Decimal	9600122
CIE Lab	53.95, 8.10, 4.23
CIE LCh	54, 9.139, 27.543
Yxy	21.9314, 0.3422, 0.3325
Android (android.graphics.Color)	4287790202 (0xFF927C7A)
YUV	130.3500, -4.1165, 13.7251
Hunter-Lab	46.8310, 4.0777, 5.6168

Details

The Yxy color **21.9314, 0.3422, 0.3325** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1480, 0.2885, 0.3255**, and the grayscale version is **22.4645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.7796, 0.3357, 0.3328**, and **7.9461, 0.3549, 0.3342** is the 20% darker color. If you saturate the color by 10%, you get **18.4691, 0.3656, 0.3348**, and if you desaturate by 10%, it is **25.9047, 0.3231, 0.3303**.

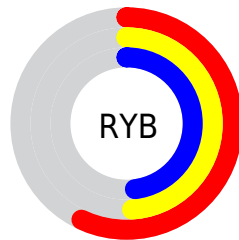
Distribution



Red (57%)

Green (49%)

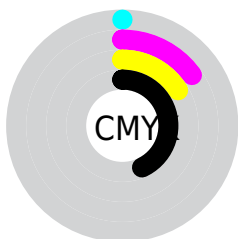
Blue (48%)



Red (57%)

Yellow (49%)

Blue (48%)

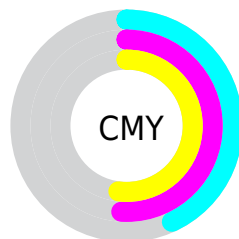


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (43%)



Cyan (43%)


Magenta (51%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.9314, 0.3422, 0.3325 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 21.9314, 0.3422, 0.3325 by changing the saturation by 10% instead.


 21.9314, 0.3422,
0.3325

 21.9314, 0.3422,
0.3325


262.1878, 0.3255,
0.3307


 13.8065, 0.3472,
0.3330


 46.6326, 0.3356,
0.3318

 7.9862, 0.3542,
0.3335


 63.9777, 0.3333,
0.3316

 4.0861, 0.3647,
0.3343

 85.1649, 0.3314,
0.3314

 1.7219, 0.3824,
0.3352

110.5788, 0.3298,
0.3312

 0.4377, 0.4979,
0.3551

140.6036, 0.3285,
0.3310

 0.0000, 0.0000,
0.0000

175.6238, 0.3274,

0.3309

216.0237, 0.3264,
0.3308

■ 21.9314, 0.3422,
0.3325

■ 21.9314, 0.3422,
0.3325

■ 18.4691, 0.3656,
0.3348

■ 25.9047, 0.3231,
0.3303

■ 15.4942, 0.3942,
0.3371

■ 30.4054, 0.3075,
0.3283

■ 12.9857, 0.4284,
0.3393

■ 35.4529, 0.2948,
0.3265

■ 10.9200, 0.4681,
0.3411

■ 41.0647, 0.2843,
0.3248

■ 9.2712, 0.5118,
0.3420

■ 47.2576, 0.2757,
0.3233

■ 8.0110, 0.5559,
0.3416

■ 54.0475, 0.2685,
0.3219

■ 7.1074, 0.5949,
0.3397

■ 61.4499, 0.2625,
0.3207

■ 6.5218, 0.6235,
0.3366

■ 69.4797, 0.2575,
0.3196

■ 6.3775, 0.6320,
0.3364

■ 78.1511, 0.2532,
0.3186

Harmonies

Analogous

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



21.9314, 0.3311, 0.3186



21.9314, 0.3422, 0.3325



21.9314, 0.3451, 0.3459

Triad

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



21.9314, 0.3422, 0.3325



21.9314, 0.3096, 0.3520



21.9314, 0.2867, 0.3028

Complementary

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



21.9314, 0.3422, 0.3325



26.1480, 0.2885, 0.3255

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.



21.9314, 0.2813, 0.3109



21.9314, 0.3422, 0.3325



21.9314, 0.2943, 0.3396

Square

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



21.9314, 0.3422, 0.3325



21.9314, 0.3260, 0.3578



21.9314, 0.2841, 0.3243



21.9314, 0.2990, 0.3017

Rectangle

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



21.9314, 0.3422, 0.3325



21.9314, 0.3420, 0.3529



21.9314, 0.2841, 0.3243



21.9314, 0.2841, 0.3048

Sweetspot

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



21.9324, 0.3422, 0.3325



46.7111, 0.3208, 0.3300



22.0413, 0.3168, 0.2929



10.2863, 0.3219, 0.3302



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.



21.9324, 0.3422, 0.3325



36.1659, 0.3510, 0.3334



25.1183, 0.3391, 0.3524



5.8889, 0.3280, 0.3309



5.6298, 0.6315, 0.3368



0.0844, 0.5944, 0.3662

Inverse Universe

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



26.1480, 0.2885, 0.3255



45.1590, 0.2829, 0.3246



22.7124, 0.2877, 0.3044



6.4799, 0.2990, 0.3271



16.7873, 0.2176, 0.3032



0.2252, 0.2214, 0.3169

Previews

White Background



This preview shows how the Yxy color 21.9314, 0.3422, 0.3325 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 21.9314, 0.3422, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

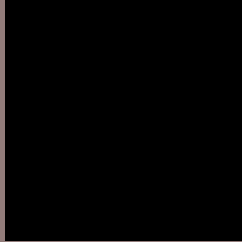
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.9314, 0.3422, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 21.9314, 0.3422, 0.3325.



This preview shows how white text looks on a background with the Yxy color 21.9314, 0.3422, 0.3325.

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

21.9314, 0.3422, 0.3325

Protanopia

22.0613, 0.3217, 0.3379

Deuteranopia

22.0017, 0.3395, 0.3342



Tritanopia

21.7881, 0.3320, 0.3123

Trichromacy



Original Color

21.9314, 0.3422, 0.3325

Protanomaly

21.9272, 0.3292, 0.3361

Deuteranomaly

22.0921, 0.3407, 0.3342

Tritanomaly

21.9275, 0.3365, 0.3207

Monochromacy



Original Color

21.9314, 0.3422, 0.3325

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.2049, 0.3233, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.9314, 0.3422, 0.3325 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(146, 124, 122)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 122)  
}
```

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(146, 124, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 122) }
```

Border

The CSS property to change the border of an element to Yxy 21.9314, 0.3422, 0.3325 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(146, 124, 122) }
```

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

```
.border{ border-color:rgb(146, 124, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 124, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 124, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 124, 122); box-shadow:4px 4px 4px 4px rgb(146, 124, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 21.9314, 0.3422, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 122) }
```

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

```
.background{ background-color: rgb(146,  
124, 122) }
```

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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