

Converting Colors

$Y_{xy}(22.6839, 0.3525, 0.3354)$

Have a look what the booklet for
Yxy(22.6839, 0.3525, 0.3354)
contains.

Yxy(22.5681, 0.3522, 0.3341)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.5681, 0.3522, 0.3341)

Conversions

Conversions Part 1

Format	Color
Hex	997C79
RGB	153, 124, 121
RGB Percent	60%, 49%, 47%
CMY	0.4001, 0.5137, 0.5255
CMYK	0.00, 0.19, 0.21, 0.40
HSL	6°, 14%, 54%
HSV	6°, 21%, 60%
XYZ	23.7907, 22.5681, 21.1901
YIQ	132.3290, 18.2470, 5.2150

Conversions

Conversions Part 2

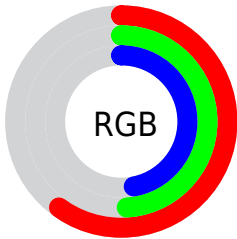
Format	Color
R _{YB}	153, 124, 121
Decimal	10058873
CIE _{Lab}	54.62, 10.69, 5.87
CIE _{LCh}	55, 12.195, 28.749
Yxy	22.5681, 0.3522, 0.3341
Android (android.graphics.Color)	4288248953 (0xFF997C79)
YUV	132.3290, -5.5852, 18.1285
Hunter-Lab	47.5059, 6.2567, 6.8077

Details

The Yxy color $22.5681, 0.3522, 0.3341$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $28.1589, 0.2821, 0.3238$, and the grayscale version is $23.2145, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.8713, 0.3438, 0.3340$, and $8.2799, 0.3665, 0.3340$ is the 20% darker color. If you saturate the color by 10%, you get $18.9912, 0.3779, 0.3367$, and if you desaturate by 10%, it is $26.6943, 0.3312, 0.3316$.

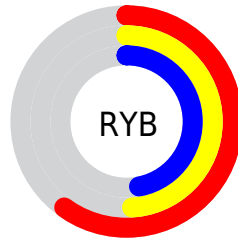
Distribution



Red (60%)

Green (49%)

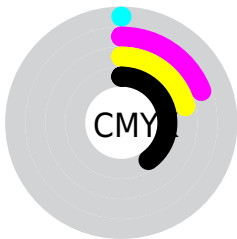
Blue (47%)



Red (60%)

Yellow (49%)

Blue (47%)

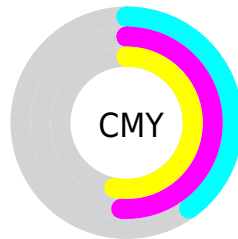


Cyan (0%)

Magenta (19%)

Yellow (21%)

Black (40%)



Cyan (40%)


Magenta (51%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5681, 0.3522, 0.3341 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 22.5681, 0.3522, 0.3341 by changing the saturation by 10% instead.


 22.5681, 0.3522,
0.3341


 22.5681, 0.3522,
0.3341


265.4988, 0.3299,
0.3315


 14.2749, 0.3588,
0.3347


 47.6832, 0.3434,
0.3332

 8.3121, 0.3681,
0.3355


 65.2738, 0.3403,
0.3328

 4.2953, 0.3819,
0.3364

 86.7325, 0.3378,
0.3325

 1.8401, 0.4049,
0.3372

112.4435, 0.3357,
0.3323

 0.5120, 0.5314,
0.3639

142.7912, 0.3339,
0.3320

 0.0000, 0.0000,
0.0000

178.1601, 0.3324,

0.3319

218.9345, 0.3311,
0.3317

■ 22.5681, 0.3522,
0.3341

■ 22.5681, 0.3522,
0.3341

■ 18.9912, 0.3779,
0.3367

■ 26.6943, 0.3312,
0.3316

■ 15.9374, 0.4089,
0.3393

■ 31.3884, 0.3141,
0.3292

■ 13.3832, 0.4456,
0.3416

■ 36.6718, 0.3001,
0.3270

■ 11.3019, 0.4872,
0.3432

■ 42.5641, 0.2887,
0.3251

■ 9.6644, 0.5315,
0.3436

■ 49.0837, 0.2792,
0.3233

■ 8.4384, 0.5740,
0.3424

■ 56.2484, 0.2714,
0.3217

■ 7.5870, 0.6086,
0.3395

■ 64.0754, 0.2648,
0.3202

■ 7.0954, 0.6313,
0.3369

■ 72.5810, 0.2593,
0.3189

■ 81.5427, 0.2563,
0.3218

Harmonies

Analogous

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



22.5681, 0.3378, 0.3159



22.5681, 0.3522, 0.3341



22.5681, 0.3556, 0.3517

Triad

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



22.5681, 0.3522, 0.3341



22.5681, 0.3075, 0.3592



22.5681, 0.2790, 0.2943

Complementary

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



22.5681, 0.3522, 0.3341



28.1589, 0.2821, 0.3238

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.



22.5681, 0.2716, 0.3044



22.5681, 0.3522, 0.3341



22.5681, 0.2877, 0.3422

Square

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



22.5681, 0.3522, 0.3341



22.5681, 0.3293, 0.3672



22.5681, 0.2747, 0.3218



22.5681, 0.2953, 0.2934

Rectangle

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



22.5681, 0.3522, 0.3341



22.5681, 0.3511, 0.3608



22.5681, 0.2747, 0.3218



22.5681, 0.2754, 0.2967

Sweetspot

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



22.5691, 0.3522, 0.3341



51.7213, 0.3226, 0.3304



22.6548, 0.3181, 0.2826



11.3137, 0.3236, 0.3306



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.



22.5691, 0.3522, 0.3341



37.3733, 0.3634, 0.3353



26.8022, 0.3473, 0.3592



6.3119, 0.3281, 0.3312



5.8915, 0.6305, 0.3376



0.1098, 0.5902, 0.3696

Inverse Universe

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



28.1589, 0.2821, 0.3238



49.1984, 0.2758, 0.3226



23.5016, 0.2803, 0.2968



6.9268, 0.2989, 0.3268



17.0793, 0.2166, 0.2998



0.2805, 0.2205, 0.3138

Previews

White Background



This preview shows how the Yxy color 22.5681, 0.3522, 0.3341 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 22.5681, 0.3522, 0.3341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

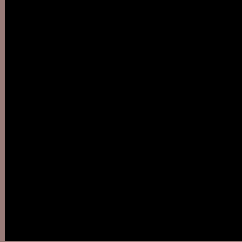
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5681, 0.3522, 0.3341

Background



This preview shows how black text looks on a background with the Yxy color 22.5681, 0.3522, 0.3341.



This preview shows how white text looks on a background with the Yxy color 22.5681, 0.3522, 0.3341.

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

22.5681, 0.3522, 0.3341

Protanopia

22.5714, 0.3251, 0.3396

Deuteranopia

22.5052, 0.3441, 0.3375



Tritanopia

22.4550, 0.3406, 0.3128

Trichromacy



Original Color

22.5681, 0.3522, 0.3341

Protanomaly

22.6192, 0.3351, 0.3376

Deuteranomaly

22.4373, 0.3469, 0.3358

Tritanomaly

22.5945, 0.3452, 0.3209

Monochromacy



Original Color

22.5681, 0.3522, 0.3341

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.8345, 0.3268, 0.3308

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5681, 0.3522, 0.3341 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(153, 124, 121)` looks like.

```
.text, #text, p{  
    color:rgb(153, 124, 121)  
}
```

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(153, 124, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 124, 121) }
```

Border

The CSS property to change the border of an element to Yxy 22.5681, 0.3522, 0.3341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

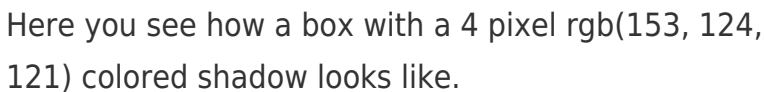
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 124, 121) }
```

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

```
.border{ border-color:rgb(153, 124, 121) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 124, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 124, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 124, 121); box-shadow:4px 4px 4px 4px rgb(153, 124, 121) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5681, 0.3522, 0.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 124, 121) }
```

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

```
.background{ background-color: rgb(153,  
124, 121) }
```

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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