

Converting Colors

$Y_{xy}(22.4308, 0.3202, 0.3387)$

Have a look what the booklet for
Yxy(22.4308, 0.3202, 0.3387)
contains.

Yxy(22.3515, 0.3205, 0.3379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.3515, 0.3205, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	84827D
RGB	132, 130, 125
RGB Percent	52%, 51%, 49%
CMY	0.4823, 0.4902, 0.5098
CMYK	0.00, 0.02, 0.05, 0.48
HSL	43°, 3%, 50%
HSV	43°, 5%, 52%
XYZ	21.2005, 22.3515, 22.5962
YIQ	130.0280, 2.7970, -1.1310

Conversions

Conversions Part 2

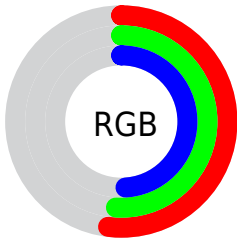
Format	Color
R_{YB}	128, 132, 125
Decimal	8684157
CIE Lab	54.40, -0.21, 2.97
CIE LCh	54, 2.973, 94.035
Yxy	22.3515, 0.3205, 0.3379
Android (android.graphics.Color)	4286874237 (0xFF84827D)
YUV	130.0280, -2.4788, 1.7294
Hunter-Lab	47.2774, -2.6909, 4.7565

Details

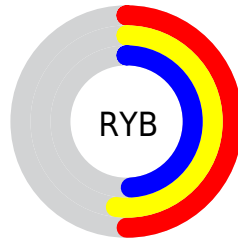
The Yxy color **22.3515, 0.3205, 0.3379** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2042, 0.3050, 0.3199**, and the grayscale version is **22.3425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.3956, 0.3184, 0.3355**, and **8.2457, 0.3246, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **21.0511, 0.3362, 0.3553**, and if you desaturate by 10%, it is **23.7356, 0.3062, 0.3214**.

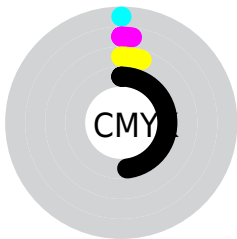
Distribution



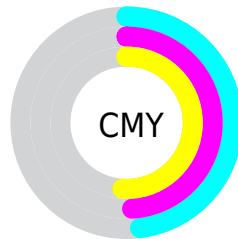
- Red (52%)
- Green (51%)
- Blue (49%)



- Red (50%)
- Yellow (52%)
- Blue (49%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (48%)



- Cyan (48%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.3515, 0.3205, 0.3379 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 22.3515, 0.3205, 0.3379 by changing the saturation by 10% instead.

■ 22.3515, 0.3205,
0.3379

■ 22.3515, 0.3205,
0.3379

■ 264.3764, 0.3161,
0.3329

■ 14.1154, 0.3218,
0.3394

■ 47.3263, 0.3188,
0.3359

■ 8.2010, 0.3236,
0.3414

■ 64.8337, 0.3182,
0.3352

■ 4.2238, 0.3263,
0.3445

■ 86.2004, 0.3177,
0.3347

■ 1.7995, 0.3307,
0.3496

■ 111.8108, 0.3173,
0.3342

■ 0.4869, 0.3611,
0.3842

■ 142.0492, 0.3169,
0.3338

■ 0.0000, 0.0000,
0.0000

177.3000, 0.3166,

0.3335

217.9476, 0.3164,
0.3332

■ 22.3515, 0.3205,
0.3379

■ 22.3515, 0.3205,
0.3379

■ 21.0511, 0.3362,
0.3553

■ 23.7356, 0.3062,
0.3214

■ 19.8293, 0.3532,
0.3732

■ 25.2024, 0.2932,
0.3059

■ 18.6847, 0.3712,
0.3912

■ 26.7550, 0.2815,
0.2914

■ 17.6151, 0.3900,
0.4087

■ 28.3951, 0.2710,
0.2781

■ 16.6178, 0.4091,
0.4248

■ 30.1246, 0.2617,
0.2658

■ 15.6899, 0.4277,
0.4386

■ 31.9452, 0.2533,
0.2546

■ 14.8285, 0.4450,
0.4491

■ 33.8587, 0.2458,
0.2443

■ 14.0300, 0.4602,
0.4555

■ 35.8665, 0.2390,
0.2349

■ 13.2894, 0.4729,
0.4576

■ 37.9704, 0.2330,
0.2263

Harmonies

Analogous

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



22.3515, 0.3229, 0.3354



22.3515, 0.3205, 0.3379



22.3515, 0.3160, 0.3380

Triad

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



22.3515, 0.3205, 0.3379



22.3515, 0.3029, 0.3266



22.3515, 0.3148, 0.3226

Complementary

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



22.3515, 0.3205, 0.3379



21.2042, 0.3050, 0.3199

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.



22.3515, 0.3094, 0.3202



22.3515, 0.3205, 0.3379



22.3515, 0.3026, 0.3225

Square

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



22.3515, 0.3205, 0.3379



22.3515, 0.3059, 0.3314



22.3515, 0.3050, 0.3202



22.3515, 0.3196, 0.3266

Rectangle

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



22.3515, 0.3205, 0.3379



22.3515, 0.3124, 0.3366



22.3515, 0.3050, 0.3202



22.3515, 0.3130, 0.3216

Sweetspot

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



22.3525, 0.3205, 0.3379



40.1489, 0.3157, 0.3324



21.1065, 0.3188, 0.3253



9.3554, 0.3155, 0.3322



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



22.3525, 0.3205, 0.3379



39.1752, 0.3217, 0.3393



22.7791, 0.3186, 0.3415



5.2902, 0.3221, 0.3397



12.5529, 0.4787, 0.4581



0.0560, 0.4465, 0.4837

Inverse Universe

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



21.2042, 0.3050, 0.3199



36.8534, 0.3037, 0.3185



20.7974, 0.3067, 0.3163



4.9635, 0.3033, 0.3180



2.9484, 0.1615, 0.1013



0.0214, 0.1831, 0.1792

Previews

White Background



This preview shows how the Yxy color 22.3515, 0.3205, 0.3379 looks on a white background.

Color Contrast Check

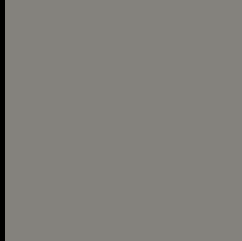
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3515, 0.3205, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

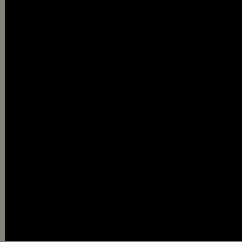
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

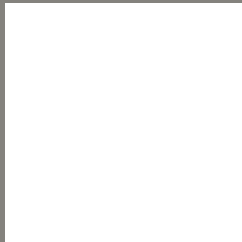
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.3515, 0.3205, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 22.3515, 0.3205, 0.3379.



This preview shows how white text looks on a background with the Yxy color 22.3515, 0.3205, 0.3379.

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

22.3515, 0.3205, 0.3379

Protanopia

22.5143, 0.3228, 0.3378

Deuteranopia

22.3574, 0.3345, 0.3291



Tritanopia

22.3417, 0.3089, 0.3117

Trichromacy



Original Color

22.3515, 0.3205, 0.3379

Protanomaly

22.4325, 0.3217, 0.3379

Deuteranomaly

22.2606, 0.3294, 0.3308

Tritanomaly

22.3805, 0.3130, 0.3220

Monochromacy



Original Color

22.3515, 0.3205, 0.3379

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.3491, 0.3160, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3515, 0.3205, 0.3379 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(132, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(132, 130, 125)  
}
```

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(132, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 130, 125) }
```

Border

The CSS property to change the border of an element to Yxy 22.3515, 0.3205, 0.3379 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(132, 130, 125) }
```

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

```
.border{ border-color:rgb(132, 130, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(132, 130,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3515, 0.3205, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 130, 125) }
```

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

```
.background{ background-color: rgb(132,  
130, 125) }
```

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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