

Converting Colors

$Y_{xy}(22.6757, 0.3261, 0.3476)$

Have a look what the booklet for
Yxy(22.6757, 0.3261, 0.3476)
contains.

Yxy(22.5996, 0.3259, 0.3468)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.5996, 0.3259, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	858379
RGB	133, 131, 121
RGB Percent	52%, 51%, 47%
CMY	0.4785, 0.4862, 0.5255
CMYK	0.00, 0.01, 0.09, 0.48
HSL	50°, 5%, 50%
HSV	50°, 9%, 52%
XYZ	21.2376, 22.5996, 21.3289
YIQ	130.4580, 4.4020, -2.6860

Conversions

Conversions Part 2

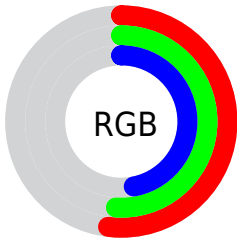
Format	Color
R_{YB}	123, 133, 121
Decimal	8749945
CIE Lab	54.66, -1.15, 5.67
CIE LCh	55, 5.785, 101.475
Yxy	22.5996, 0.3259, 0.3468
Android (android.graphics.Color)	4286940025 (0xFF858379)
YUV	130.4580, -4.6628, 2.2293
Hunter-Lab	47.5390, -3.4501, 6.6763

Details

The Yxy color **22.5996, 0.3259, 0.3468** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.9140, 0.2993, 0.3106**, and the grayscale version is **22.5090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.7372, 0.3231, 0.3433**, and **8.3546, 0.3293, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **21.7153, 0.3414, 0.3672**, and if you desaturate by 10%, it is **23.5433, 0.3113, 0.3271**.

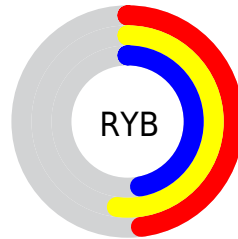
Distribution



Red (52%)

Green (51%)

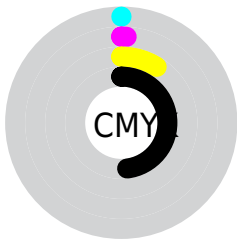
Blue (47%)



Red (48%)

Yellow (52%)

Blue (47%)

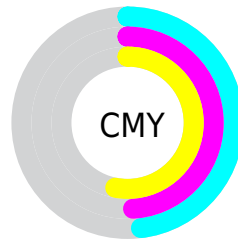


Cyan (0%)

Magenta (1%)

Yellow (9%)

Black (48%)



Cyan (48%)

Magenta (49%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.5996, 0.3259, 0.3468 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 22.5996, 0.3259, 0.3468 by changing the saturation by 10% instead.

■ 22.5996, 0.3259,
0.3468

■ 22.5996, 0.3259,
0.3468

265.6617, 0.3185,
0.3368

■ 14.2981, 0.3281,
0.3498

■ 47.7350, 0.3230,
0.3429

■ 8.3283, 0.3311,
0.3539

■ 65.3378, 0.3220,
0.3415

■ 4.3057, 0.3355,
0.3601

■ 86.8098, 0.3211,
0.3403

■ 1.8460, 0.3428,
0.3703

112.5353, 0.3205,
0.3394

■ 0.5156, 0.4043,
0.4513

142.8989, 0.3199,
0.3386

■ 0.0000, 0.0000,
0.0000

178.2849, 0.3194,

0.3379

219.0777, 0.3189,
0.3373

■ 22.5996, 0.3259,
0.3468

■ 22.5996, 0.3259,
0.3468

■ 21.7153, 0.3414,
0.3672

■ 23.5433, 0.3113,
0.3271

■ 20.8854, 0.3576,
0.3879

■ 24.5452, 0.2978,
0.3084

■ 20.1090, 0.3741,
0.4083

■ 25.6080, 0.2854,
0.2910

■ 19.3838, 0.3905,
0.4276

■ 26.7333, 0.2741,
0.2748

■ 18.7076, 0.4061,
0.4450

■ 27.9226, 0.2639,
0.2598

■ 18.0776, 0.4203,
0.4594

■ 29.1776, 0.2546,
0.2462

■ 17.4910, 0.4325,
0.4702

■ 30.4995, 0.2463,
0.2337

■ 16.9444, 0.4422,
0.4768

■ 31.8898, 0.2388,
0.2223

■ 16.4291, 0.4499,
0.4800

■ 33.3499, 0.2321,
0.2120

Harmonies

Analogous

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



22.5996, 0.3319, 0.3429



22.5996, 0.3259, 0.3468



22.5996, 0.3164, 0.3458

Triad

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



22.5996, 0.3259, 0.3468



22.5996, 0.2932, 0.3220



22.5996, 0.3192, 0.3183

Complementary

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



22.5996, 0.3259, 0.3468



19.9140, 0.2993, 0.3106

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.



22.5996, 0.3088, 0.3129



22.5996, 0.3259, 0.3468



22.5996, 0.2939, 0.3149

Square

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



22.5996, 0.3259, 0.3468



22.5996, 0.2976, 0.3313



22.5996, 0.2995, 0.3116



22.5996, 0.3280, 0.3265

Rectangle

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



22.5996, 0.3259, 0.3468



22.5996, 0.3095, 0.3425



22.5996, 0.2995, 0.3116



22.5996, 0.3157, 0.3161

Sweetspot

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



22.6006, 0.3259, 0.3468



41.4772, 0.3171, 0.3350



20.0875, 0.3253, 0.3254



9.3163, 0.3182, 0.3364



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.



22.6006, 0.3259, 0.3468



40.1223, 0.3293, 0.3513



22.8162, 0.3209, 0.3505



5.2962, 0.3261, 0.3470



15.6159, 0.4506, 0.4804



0.0627, 0.4336, 0.4939

Inverse Universe

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



19.9140, 0.2993, 0.3106



34.2054, 0.2958, 0.3057



19.7247, 0.3041, 0.3072



4.6592, 0.2992, 0.3103



2.1636, 0.1550, 0.0778



0.0147, 0.1710, 0.1356

Previews

White Background



This preview shows how the Yxy color 22.5996, 0.3259, 0.3468 looks on a white background.

Color Contrast Check

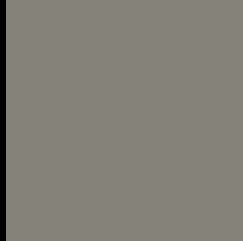
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5996, 0.3259, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

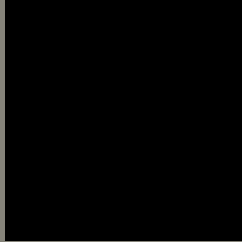
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.5996, 0.3259, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 22.5996, 0.3259, 0.3468.



This preview shows how white text looks on a background with the Yxy color 22.5996, 0.3259, 0.3468.

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

22.5996, 0.3259, 0.3468

Protanopia

22.4966, 0.3285, 0.3449

Deuteranopia

22.5299, 0.3429, 0.3358



Tritanopia

22.4533, 0.3090, 0.3101

Trichromacy



Original Color

22.5996, 0.3259, 0.3468

Protanomaly

22.4141, 0.3273, 0.3450

Deuteranomaly

22.5943, 0.3363, 0.3394

Tritanomaly

22.4348, 0.3153, 0.3238

Monochromacy



Original Color

22.5996, 0.3259, 0.3468

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.3229, 0.3171, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.5996, 0.3259, 0.3468 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(133, 131, 121)` looks like.

```
.text, #text, p{  
    color:rgb(133, 131, 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(133, 131, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 131, 121) }
```

Border

The CSS property to change the border of an element to Yxy 22.5996, 0.3259, 0.3468 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(133, 131, 121) }
```

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

```
.border{ border-color:rgb(133, 131, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 131, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 131, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 131, 121);  
box-shadow:4px 4px 4px 4px rgb(133, 131,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 22.5996, 0.3259, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 131, 121) }
```

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

```
.background{ background-color: rgb(133,  
131, 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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