

Converting Colors

$Y_{xy}(22.9866, 0.3086, 0.3569)$

Have a look what the booklet for
Yxy(22.9866, 0.3086, 0.3569)
contains.

Yxy(22.9107, 0.3092, 0.3567)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.9107, 0.3092, 0.3567)

Conversions

Conversions Part 1

Format	Color
Hex	778879
RGB	119, 136, 121
RGB Percent	47%, 53%, 47%
CMY	0.5334, 0.4666, 0.5256
CMYK	0.13, 0.00, 0.11, 0.47
HSL	127°, 7%, 50%
HSV	127°, 13%, 53%
XYZ	19.8598, 22.9107, 21.4591
YIQ	129.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

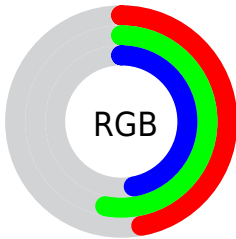
Format	Color
R_{YB}	119, 134, 136
Decimal	7833721
CIE _{Lab}	54.98, -9.25, 5.99
CIE _{LCh}	55, 11.021, 147.075
Yxy	22.9107, 0.3092, 0.3567
Android (android.graphics.Color)	4286023801 (0xFF778879)
YUV	129.2070, -4.0461, -8.9515
Hunter-Lab	47.8651, -9.7022, 6.9244

Details

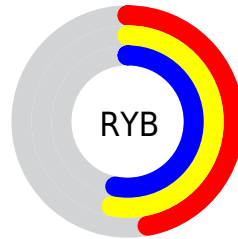
The Yxy color $22.9107, 0.3092, 0.3567$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $20.1446, 0.3164, 0.3028$, and the grayscale version is $22.0439, 0.3127, 0.3290$.

A 20% lighter version of the original color is $48.0702, 0.3101, 0.3504$, and $8.4387, 0.3061, 0.3660$ is the 20% darker color. If you saturate the color by 10%, you get $21.7412, 0.3063, 0.3820$, and if you desaturate by 10%, it is $24.2565, 0.3120, 0.3342$.

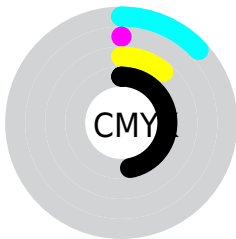
Distribution



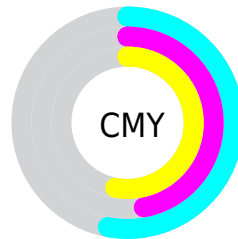
- Red (47%)
- Green (53%)
- Blue (47%)



- Red (47%)
- Yellow (53%)
- Blue (53%)



- Cyan (13%)
- Magenta (0%)
- Yellow (11%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.9107, 0.3092, 0.3567 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 22.9107, 0.3092, 0.3567 by changing the saturation by 10% instead.

■ 22.9107, 0.3092,
0.3567

■ 22.9107, 0.3092,
0.3567

267.2660, 0.3113,
0.3410

■ 14.5276, 0.3085,
0.3614

■ 48.2467, 0.3101,
0.3504

■ 8.4885, 0.3075,
0.3681

■ 65.9683, 0.3104,
0.3483

■ 4.4091, 0.3060,
0.3783

■ 87.5715, 0.3106,
0.3465

■ 1.9049, 0.3031,
0.3955

113.4408, 0.3108,
0.3450

■ 0.5513, 0.2892,
0.5347

143.9605, 0.3109,
0.3438

■ 0.0000, 0.0000,
0.0000

179.5150, 0.3111,

0.3427

220.4887, 0.3112,
0.3418

■ 22.9107, 0.3092,
0.3567

■ 22.9107, 0.3092,
0.3567

■ 21.7412, 0.3063,
0.3820

■ 24.2565, 0.3120,
0.3342

■ 20.7378, 0.3035,
0.4099

■ 25.7824, 0.3147,
0.3145

■ 19.8940, 0.3008,
0.4400

■ 27.4958, 0.3173,
0.2973

■ 19.2015, 0.2986,
0.4715

■ 29.4028, 0.3196,
0.2824

■ 18.6512, 0.2968,
0.5028

■ 31.5091, 0.3218,
0.2694

■ 18.2332, 0.2959,
0.5322

■ 33.8203, 0.3238,
0.2583

■ 17.9362, 0.2958,
0.5578

■ 36.3417, 0.3256,
0.2486

■ 17.7471, 0.2965,
0.5777

■ 39.0785, 0.3273,
0.2402

■ 17.6488, 0.2969,
0.5887

■ 42.0356, 0.3289,
0.2329

Harmonies

Analogous

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



22.9107, 0.3287, 0.3634



22.9107, 0.3092, 0.3567



22.9107, 0.2911, 0.3418

Triad

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



22.9107, 0.3092, 0.3567



22.9107, 0.2817, 0.2981



22.9107, 0.3477, 0.3328

Complementary

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



22.9107, 0.3092, 0.3567



20.1446, 0.3164, 0.3028

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.



22.9107, 0.3344, 0.3164



22.9107, 0.3092, 0.3567



22.9107, 0.2961, 0.2967

Square

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



22.9107, 0.3092, 0.3567



22.9107, 0.2756, 0.3076



22.9107, 0.3153, 0.3034



22.9107, 0.3513, 0.3487

Rectangle

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



22.9107, 0.3092, 0.3567



22.9107, 0.2821, 0.3297



22.9107, 0.3153, 0.3034



22.9107, 0.3442, 0.3271

Sweetspot

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



22.9117, 0.3092, 0.3567



42.3488, 0.3116, 0.3376



24.0129, 0.3284, 0.3589



9.7687, 0.3114, 0.3390



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



22.9117, 0.3092, 0.3567



39.7621, 0.3084, 0.3635



23.1294, 0.3007, 0.3408



5.6172, 0.3102, 0.3488



16.7020, 0.2968, 0.5885



0.1120, 0.2841, 0.5426

Inverse Universe

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



20.1446, 0.3164, 0.3028



33.9070, 0.3173, 0.2968



19.9169, 0.3265, 0.3175



5.1190, 0.3154, 0.3099



6.2378, 0.3521, 0.1713



0.0428, 0.3351, 0.1620

Previews

White Background



This preview shows how the Yxy color 22.9107, 0.3092, 0.3567 looks on a white background.

Color Contrast Check

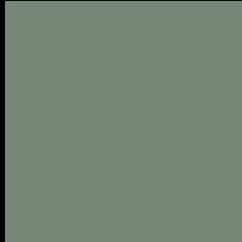
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.9107, 0.3092, 0.3567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

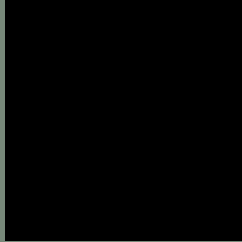
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.9107, 0.3092, 0.3567

Background



This preview shows how black text looks on a background with the Yxy color 22.9107, 0.3092, 0.3567.



This preview shows how white text looks on a background with the Yxy color 22.9107, 0.3092, 0.3567.

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

22.9107, 0.3092, 0.3567

Protanopia

22.8590, 0.3340, 0.3518

Deuteranopia

22.8118, 0.3415, 0.3358



Tritanopia

22.9692, 0.2916, 0.3114

Trichromacy



Original Color

22.9107, 0.3092, 0.3567

Protanomaly

22.8528, 0.3242, 0.3541

Deuteranomaly

22.6888, 0.3298, 0.3430

Tritanomaly

22.9370, 0.2985, 0.3272

Monochromacy



Original Color

22.9107, 0.3092, 0.3567

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.3689, 0.3111, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9107, 0.3092, 0.3567 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(119, 136, 121)` looks like.

```
.text, #text, p{  
    color:rgb(119, 136, 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(119, 136, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 136, 121) }
```

Border

The CSS property to change the border of an element to Yxy 22.9107, 0.3092, 0.3567 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(119, 136, 121) }
```

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

```
.border{ border-color:rgb(119, 136, 121) }
```

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

Here you see how a box with a 4 pixel rgb(119, 136, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 136, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 136, 121);  
box-shadow:4px 4px 4px 4px rgb(119, 136,  
121) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.9107, 0.3092, 0.3567$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 136, 121) }
```

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

```
.background{ background-color: rgb(119,  
136, 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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