

Converting Colors

$Y_{xy}(23.2734, 0.3085, 0.3534)$

Have a look what the booklet for
Yxy(23.2734, 0.3085, 0.3534)
contains.

Yxy(23.3863, 0.3093, 0.3545)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.3863, 0.3093, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	79897B
RGB	121, 137, 123
RGB Percent	47%, 54%, 48%
CMY	0.5256, 0.4627, 0.5176
CMYK	0.12, 0.00, 0.10, 0.46
HSL	128°, 6%, 51%
HSV	128°, 12%, 54%
XYZ	20.4045, 23.3863, 22.1791
YIQ	130.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

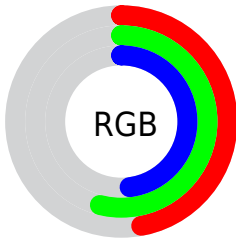
Format	Color
RYB	121, 135, 137
Decimal	7965051
CIELab	55.47, -8.67, 5.54
CIElCh	55, 10.287, 147.390
Yxy	23.3863, 0.3093, 0.3545
Android (android.graphics.Color)	4286155131 (0xFF79897B)
YUV	130.6200, -3.7567, -8.4367
Hunter-Lab	48.3594, -9.3137, 6.6594

Details

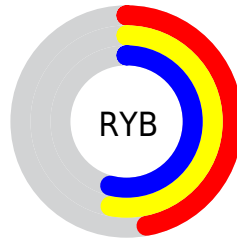
The Yxy color **23.3863, 0.3093, 0.3545** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7387, 0.3163, 0.3048**, and the grayscale version is **22.5691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8063, 0.3102, 0.3489**, and **8.6885, 0.3077, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **22.1851, 0.3063, 0.3793**, and if you desaturate by 10%, it is **24.7667, 0.3122, 0.3325**.

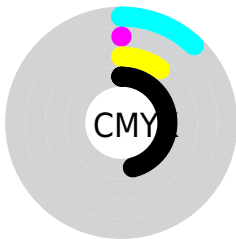
Distribution



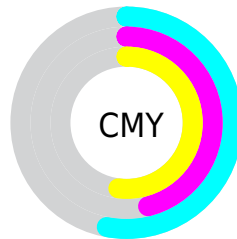
- Red (47%)
- Green (54%)
- Blue (48%)



- Red (47%)
- Yellow (53%)
- Blue (54%)



- Cyan (12%)
- Magenta (0%)
- Yellow (10%)
- Black (46%)



- Cyan (53%)
- Magenta (46%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.3863, 0.3093, 0.3545 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 23.3863, 0.3093, 0.3545 by changing the saturation by 10% instead.

■ 23.3863, 0.3093,
0.3545

■ 23.3863, 0.3093,
0.3545

269.7029, 0.3113,
0.3401

■ 14.8790, 0.3087,
0.3588

■ 49.0269, 0.3101,
0.3488

■ 8.7345, 0.3077,
0.3649

■ 66.9289, 0.3104,
0.3468

■ 4.5684, 0.3063,
0.3740

■ 88.7313, 0.3106,
0.3452

■ 1.9963, 0.3037,
0.3895

114.8185, 0.3108,
0.3438

■ 0.6053, 0.2932,
0.4879

145.5749, 0.3110,
0.3427

■ 0.0000, 0.0000,
0.0000

181.3848, 0.3111,

0.3417

222.6327, 0.3112,
0.3408

■ 23.3863, 0.3093,
0.3545

■ 23.3863, 0.3093,
0.3545

■ 22.1851, 0.3063,
0.3793

■ 24.7667, 0.3122,
0.3325

■ 21.1530, 0.3034,
0.4068

■ 26.3302, 0.3150,
0.3131

■ 20.2832, 0.3006,
0.4365

■ 28.0842, 0.3177,
0.2963

■ 19.5675, 0.2982,
0.4676

■ 30.0348, 0.3201,
0.2816

■ 18.9967, 0.2964,
0.4988

■ 32.1879, 0.3224,
0.2689

■ 18.5609, 0.2954,
0.5284

■ 34.5491, 0.3245,
0.2580

■ 18.2488, 0.2953,
0.5544

■ 37.1237, 0.3264,
0.2485

■ 18.0472, 0.2960,
0.5751

■ 39.9170, 0.3282,
0.2403

■ 17.9347, 0.2966,
0.5878

■ 42.9340, 0.3298,
0.2331

Harmonies

Analogous

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



23.3863, 0.3274, 0.3608



23.3863, 0.3093, 0.3545



23.3863, 0.2925, 0.3407

Triad

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



23.3863, 0.3093, 0.3545



23.3863, 0.2841, 0.3002



23.3863, 0.3452, 0.3327

Complementary

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



23.3863, 0.3093, 0.3545



20.7387, 0.3163, 0.3048

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.



23.3863, 0.3329, 0.3175



23.3863, 0.3093, 0.3545



23.3863, 0.2975, 0.2990

Square

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



23.3863, 0.3093, 0.3545



23.3863, 0.2782, 0.3091



23.3863, 0.3154, 0.3053



23.3863, 0.3485, 0.3475

Rectangle

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



23.3863, 0.3093, 0.3545



23.3863, 0.2842, 0.3295



23.3863, 0.3154, 0.3053



23.3863, 0.3420, 0.3275

Sweetspot

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



23.3873, 0.3093, 0.3545



43.7271, 0.3115, 0.3375



24.4357, 0.3273, 0.3569



9.7693, 0.3113, 0.3389



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.



23.3873, 0.3093, 0.3545



41.2850, 0.3085, 0.3607



23.5921, 0.3015, 0.3400



5.6178, 0.3101, 0.3487



16.7054, 0.2965, 0.5875



0.1121, 0.2831, 0.5390

Inverse Universe

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



20.7387, 0.3163, 0.3048



35.5828, 0.3172, 0.2992



20.5255, 0.3255, 0.3182



5.1183, 0.3155, 0.3101



6.2120, 0.3545, 0.1727



0.0427, 0.3362, 0.1626

Previews

White Background



This preview shows how the Yxy color 23.3863, 0.3093, 0.3545 looks on a white background.

Color Contrast Check

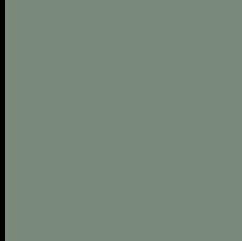
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.3863, 0.3093, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

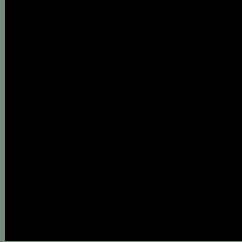
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

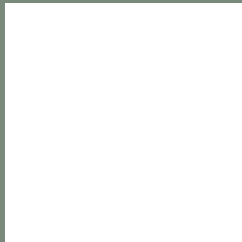
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.3863, 0.3093, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 23.3863, 0.3093, 0.3545.



This preview shows how white text looks on a background with the Yxy color 23.3863, 0.3093, 0.3545.

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

23.3863, 0.3093, 0.3545

Protanopia

23.2619, 0.3328, 0.3499

Deuteranopia

23.2149, 0.3401, 0.3341



Tritanopia

23.4545, 0.2919, 0.3098

Trichromacy



Original Color

23.3863, 0.3093, 0.3545

Protanomaly

23.3362, 0.3242, 0.3520

Deuteranomaly

23.0911, 0.3285, 0.3412

Tritanomaly

23.4192, 0.2986, 0.3254

Monochromacy



Original Color

23.3863, 0.3093, 0.3545

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.8456, 0.3112, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3863, 0.3093, 0.3545 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(121, 137, 123)` looks like.

```
.text, #text, p{  
    color:rgb(121, 137, 123)  
}
```

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(121, 137, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 137, 123) }
```

Border

The CSS property to change the border of an element to Yxy 23.3863, 0.3093, 0.3545 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(121, 137, 123) }
```

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

```
.border{ border-color:rgb(121, 137, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 137, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 137, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 137, 123);  
box-shadow:4px 4px 4px 4px rgb(121, 137,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3863, 0.3093, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 137, 123) }
```

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

```
.background{ background-color: rgb(121,  
137, 123) }
```

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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