

Converting Colors

$Y_{xy}(22.2369, 0.3184, 0.3659)$

Have a look what the booklet for
Yxy(22.2369, 0.3184, 0.3659)
contains.

Yxy(22.3300, 0.3189, 0.3662)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.3300, 0.3189, 0.3662)

Conversions

Conversions Part 1

Format	Color
Hex	798672
RGB	121, 134, 114
RGB Percent	47%, 53%, 45%
CMY	0.5255, 0.4745, 0.5530
CMYK	0.10, 0.00, 0.15, 0.47
HSL	99°, 8%, 49%
HSV	99°, 15%, 53%
XYZ	19.4458, 22.3300, 19.2018
YIQ	127.8330, -1.3280, -8.9760

Conversions

Conversions Part 2

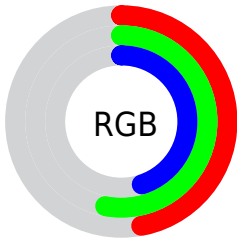
Format	Color
R_{YB}	114, 134, 127
Decimal	7964274
CIE _{Lab}	54.38, -8.72, 9.18
CIE _{LCh}	54, 12.662, 133.527
Yxy	22.3300, 0.3189, 0.3662
Android (android.graphics.Color)	4286154354 (0xFF798672)
YUV	127.8330, -6.8197, -5.9925
Hunter-Lab	47.2546, -9.2410, 8.9858

Details

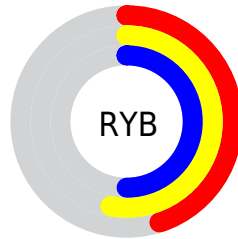
The Yxy color $22.3300, 0.3189, 0.3662$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $18.2669, 0.3056, 0.2927$, and the grayscale version is $21.5495, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.1781, 0.3172, 0.3573$, and $8.1117, 0.3205, 0.3809$ is the 20% darker color. If you saturate the color by 10%, you get $21.4464, 0.3228, 0.3940$, and if you desaturate by 10%, it is $23.3172, 0.3148, 0.3407$.

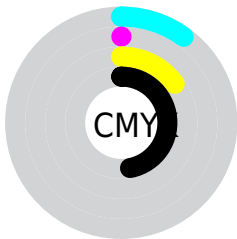
Distribution



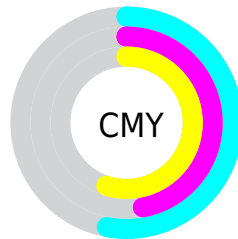
- Red (47%)
- Green (53%)
- Blue (45%)



- Red (45%)
- Yellow (53%)
- Blue (50%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (47%)



- Cyan (53%)
- Magenta (47%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.3300, 0.3189, 0.3662 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 22.3300, 0.3189, 0.3662 by changing the saturation by 10% instead.

■ 22.3300, 0.3189,
0.3662

■ 22.3300, 0.3189,
0.3662

264.2648, 0.3156,
0.3450

■ 14.0996, 0.3198,
0.3726

■ 47.2908, 0.3177,
0.3577

■ 8.1900, 0.3209,
0.3818

■ 64.7900, 0.3172,
0.3548

■ 4.2167, 0.3224,
0.3957

■ 86.1476, 0.3168,
0.3524

■ 1.7955, 0.3243,
0.4195

■ 111.7479, 0.3165,
0.3504

■ 0.4844, 0.3382,
0.6618

141.9754, 0.3162,
0.3487

■ 0.0000, 0.0000,
0.0000

177.2144, 0.3160,

0.3473

217.8494, 0.3158,
0.3460

■ 22.3300, 0.3189,
0.3662

■ 22.3300, 0.3189,
0.3662

■ 21.4464, 0.3228,
0.3940

■ 23.3172, 0.3148,
0.3407

■ 20.6599, 0.3262,
0.4235

■ 24.4083, 0.3106,
0.3176

■ 19.9681, 0.3289,
0.4542

■ 25.6074, 0.3065,
0.2969

■ 19.3668, 0.3305,
0.4849

■ 26.9174, 0.3025,
0.2785

■ 18.8521, 0.3308,
0.5141

■ 28.3413, 0.2987,
0.2621

■ 18.4192, 0.3296,
0.5401

■ 29.8817, 0.2951,
0.2477

■ 18.0632, 0.3268,
0.5613

■ 31.5414, 0.2918,
0.2349

■ 17.7776, 0.3226,
0.5768

■ 33.3228, 0.2886,
0.2236

■ 17.6528, 0.3205,
0.5837

■ 35.2285, 0.2857,
0.2135

Harmonies

Analogous

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



22.3300, 0.3402, 0.3686



22.3300, 0.3189, 0.3662



22.3300, 0.2965, 0.3526

Triad

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



22.3300, 0.3189, 0.3662



22.3300, 0.2724, 0.2970



22.3300, 0.3475, 0.3245

Complementary

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



22.3300, 0.3189, 0.3662



18.2669, 0.3056, 0.2927

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.



22.3300, 0.3282, 0.3070



22.3300, 0.3189, 0.3662



22.3300, 0.2850, 0.2912

Square

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



22.3300, 0.3189, 0.3662



22.3300, 0.2702, 0.3118



22.3300, 0.3053, 0.2950



22.3300, 0.3572, 0.3436

Rectangle

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



22.3300, 0.3189, 0.3662



22.3300, 0.2839, 0.3394



22.3300, 0.3053, 0.2950



22.3300, 0.3419, 0.3182

Sweetspot

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



22.3310, 0.3189, 0.3662



41.2337, 0.3144, 0.3387



21.4628, 0.3359, 0.3524



9.2620, 0.3147, 0.3403



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.



22.3310, 0.3189, 0.3662



38.7814, 0.3203, 0.3756



21.9132, 0.3079, 0.3612



5.2781, 0.3165, 0.3511



16.5470, 0.3207, 0.5836



0.0611, 0.3540, 0.5571

Inverse Universe

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



18.2669, 0.3056, 0.2927



30.1673, 0.3037, 0.2838



18.7404, 0.3180, 0.2988



4.6835, 0.3086, 0.3072



3.5251, 0.2369, 0.1079



0.0163, 0.2766, 0.1297

Previews

White Background



This preview shows how the Yxy color 22.3300, 0.3189, 0.3662 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 22.3300, 0.3189, 0.3662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

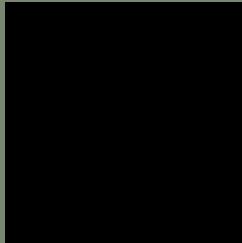
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

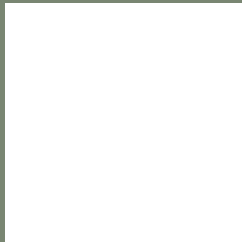
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.3300, 0.3189, 0.3662

Background



This preview shows how black text looks on a background with the Yxy color 22.3300, 0.3189, 0.3662.



This preview shows how white text looks on a background with the Yxy color 22.3300, 0.3189, 0.3662.

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

22.3300, 0.3189, 0.3662

Protanopia

22.3694, 0.3399, 0.3610

Deuteranopia

22.2241, 0.3517, 0.3444



Tritanopia

22.2483, 0.2956, 0.3096

Trichromacy



Original Color

22.3300, 0.3189, 0.3662

Protanomaly

22.2501, 0.3324, 0.3615

Deuteranomaly

22.0794, 0.3395, 0.3520

Tritanomaly

22.1564, 0.3048, 0.3290

Monochromacy



Original Color

22.3300, 0.3189, 0.3662

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.7553, 0.3144, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3300, 0.3189, 0.3662 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, 134, 114)` looks like.

```
.text, #text, p{  
    color:rgb(121, 134, 114)  
}
```

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, 134, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 134, 114) }
```

Border

The CSS property to change the border of an element to Yxy 22.3300, 0.3189, 0.3662 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, 134, 114) }
```

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

```
.border{ border-color:rgb(121, 134, 114) }
```

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

Here you see how a box with a 4 pixel rgb(121, 134, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 134, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 134, 114);  
box-shadow:4px 4px 4px 4px rgb(121, 134,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3300, 0.3189, 0.3662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 134, 114) }
```

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

```
.background{ background-color: rgb(121,  
134, 114) }
```

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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