

Converting Colors

$Y_{xy}(24.2523, 0.3208, 0.3883)$

Have a look what the booklet for
Yxy(24.2523, 0.3208, 0.3883)
contains.

Yxy(24.0758, 0.3207, 0.3881)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0758, 0.3207, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	778D6D
RGB	119, 141, 109
RGB Percent	47%, 55%, 43%
CMY	0.5333, 0.4471, 0.5726
CMYK	0.16, 0.00, 0.23, 0.45
HSL	101°, 13%, 49%
HSV	101°, 23%, 55%
XYZ	19.8946, 24.0758, 18.0646
YIQ	130.7740, -2.8400, -14.6160

Conversions

Conversions Part 2

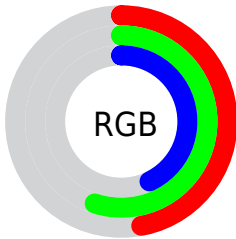
Format	Color
RYB	109, 141, 131
Decimal	7834989
CIELab	56.16, -14.18, 14.52
CIELCh	56, 20.296, 134.312
Yxy	24.0758, 0.3207, 0.3881
Android (android.graphics.Color)	4286025069 (0xFF778D6D)
YUV	130.7740, -10.7346, -10.3258
Hunter-Lab	49.0671, -13.4932, 12.5187

Details

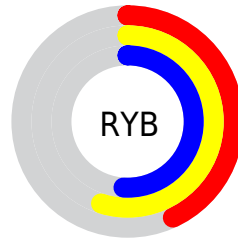
The Yxy color $24.0758, 0.3207, 0.3881$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.6823, 0.3025, 0.2725$, and the grayscale version is $22.6534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.3741, 0.3194, 0.3745$, and $9.1212, 0.3227, 0.4140$ is the 20% darker color. If you saturate the color by 10%, you get $23.1464, 0.3237, 0.4178$, and if you desaturate by 10%, it is $25.1258, 0.3173, 0.3605$.

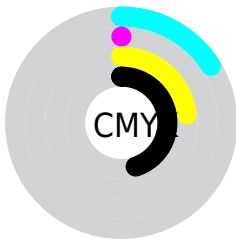
Distribution



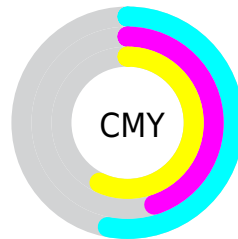
- Red (47%)
- Green (55%)
- Blue (43%)



- Red (43%)
- Yellow (55%)
- Blue (51%)



- Cyan (16%)
- Magenta (0%)
- Yellow (23%)
- Black (45%)




- Cyan (53%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0758, 0.3207, 0.3881 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 24.0758, 0.3207, 0.3881 by changing the saturation by 10% instead.


 24.0758, 0.3207,
0.3881


 24.0758, 0.3207,
0.3881


273.2035, 0.3168,
0.3544


 15.3899, 0.3216,
0.3983


 50.1539, 0.3193,
0.3747


 9.0935, 0.3225,
0.4126


 68.3148, 0.3188,
0.3700

 4.8022, 0.3235,
0.4342

 90.4028, 0.3183,
0.3662

 2.1317, 0.3236,
0.4705

 116.8023, 0.3179,
0.3630

 0.6823, 0.3071,
0.6929

147.8978, 0.3176,
0.3604

 0.0000, 0.0000,
0.0000

184.0735, 0.3173,

0.3581

225.7140, 0.3170,
0.3561

■ 24.0758, 0.3207,
0.3881

■ 24.0758, 0.3207,
0.3881

■ 23.1464, 0.3237,
0.4178

■ 25.1258, 0.3173,
0.3605

■ 22.3301, 0.3260,
0.4489

■ 26.2975, 0.3137,
0.3354

■ 21.6233, 0.3274,
0.4803

■ 27.5957, 0.3100,
0.3127

■ 21.0208, 0.3276,
0.5105

■ 29.0244, 0.3064,
0.2925

■ 20.5173, 0.3264,
0.5378

■ 30.5871, 0.3030,
0.2747

■ 20.1067, 0.3237,
0.5605

■ 32.2872, 0.2997,
0.2589

■ 19.7821, 0.3197,
0.5771

■ 34.1282, 0.2965,
0.2449

■ 19.5887, 0.3166,
0.5868

■ 36.1131, 0.2936,
0.2327

■ 38.2451, 0.2909,
0.2218

Harmonies

Analogous

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



24.0758, 0.3543, 0.3914



24.0758, 0.3207, 0.3881



24.0758, 0.2862, 0.3658

Triad

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



24.0758, 0.3207, 0.3881



24.0758, 0.2512, 0.2787



24.0758, 0.3679, 0.3221

Complementary

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



24.0758, 0.3207, 0.3881



17.6823, 0.3025, 0.2725

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.



24.0758, 0.3376, 0.2958



24.0758, 0.3207, 0.3881



24.0758, 0.2704, 0.2711

Square

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



24.0758, 0.3207, 0.3881



24.0758, 0.2474, 0.3004



24.0758, 0.3016, 0.2776



24.0758, 0.3828, 0.3512

Rectangle

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



24.0758, 0.3207, 0.3881



24.0758, 0.2673, 0.3441



24.0758, 0.3016, 0.2776



24.0758, 0.3591, 0.3127

Sweetspot

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



24.0768, 0.3207, 0.3881



46.1335, 0.3153, 0.3462



22.9628, 0.3492, 0.3671



10.2815, 0.3155, 0.3475



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.0768, 0.3207, 0.3881



42.2791, 0.3222, 0.4024



23.5349, 0.3043, 0.3785



6.1062, 0.3161, 0.3514



17.8692, 0.3169, 0.5866



0.1815, 0.3492, 0.5609

Inverse Universe

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



17.6823, 0.3025, 0.2725



28.8345, 0.2998, 0.2596



18.3517, 0.3225, 0.2841



5.4275, 0.3091, 0.3070



4.0709, 0.2450, 0.1123



0.0507, 0.2818, 0.1326

Previews

White Background



This preview shows how the Yxy color 24.0758, 0.3207, 0.3881 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 24.0758, 0.3207, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

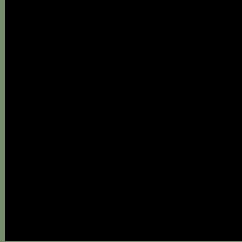
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0758, 0.3207, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 24.0758, 0.3207, 0.3881.



This preview shows how white text looks on a background with the Yxy color 24.0758, 0.3207, 0.3881.

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

24.0758, 0.3207, 0.3881

Protanopia

23.9304, 0.3539, 0.3771

Deuteranopia

23.8168, 0.3649, 0.3586



Tritanopia

24.0749, 0.2901, 0.3100

Trichromacy



Original Color

24.0758, 0.3207, 0.3881

Protanomaly

24.0212, 0.3409, 0.3821

Deuteranomaly

23.6516, 0.3485, 0.3687

Tritanomaly

24.0814, 0.3015, 0.3379

Monochromacy



Original Color

24.0758, 0.3207, 0.3881

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.2700, 0.3162, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0758, 0.3207, 0.3881 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, 141, 109)` looks like.

```
.text, #text, p{  
    color:rgb(119, 141, 109)  
}
```

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, 141, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 141, 109) }
```

Border

The CSS property to change the border of an element to Yxy 24.0758, 0.3207, 0.3881 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, 141, 109) }
```

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

```
.border{ border-color:rgb(119, 141, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 141, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 141, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 141, 109);  
box-shadow:4px 4px 4px 4px rgb(119, 141,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0758, 0.3207, 0.3881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 141, 109) }
```

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

```
.background{ background-color: rgb(119,  
141, 109) }
```

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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