

Converting Colors

$Y_{xy}(22.8176, 0.2974, 0.3523)$

Have a look what the booklet for
Yxy(22.8176, 0.2974, 0.3523)
contains.

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Color

$\text{Yxy}(22.7515, 0.2966, 0.3515)$

Conversions

Conversions Part 1

Format	Color
Hex	6F897D
RGB	111, 137, 125
RGB Percent	44%, 54%, 49%
CMY	0.5649, 0.4627, 0.5098
CMYK	0.19, 0.00, 0.09, 0.46
HSL	152°, 11%, 49%
HSV	152°, 19%, 54%
XYZ	19.1980, 22.7515, 22.7774
YIQ	127.8580, -11.6440, -9.2440

Conversions

Conversions Part 2

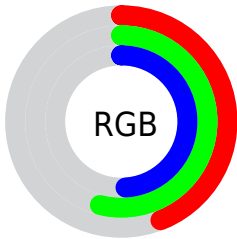
Format	Color
RYB	111, 128, 137
Decimal	7309693
CIELab	54.82, -11.87, 3.37
CIElCh	55, 12.342, 164.155
Yxy	22.7515, 0.2966, 0.3515
Android (android.graphics.Color)	4285499773 (0xFF6F897D)
YUV	127.8580, -1.4090, -14.7845
Hunter-Lab	47.6985, -11.6287, 5.0763

Details

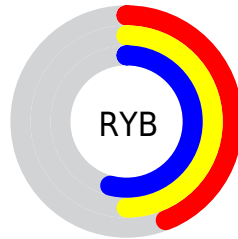
The Yxy color **22.7515, 0.2966, 0.3515** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **18.1084, 0.3324, 0.3076**, and the grayscale version is **21.5401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8278, 0.2999, 0.3452**, and **8.3950, 0.2908, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **21.7747, 0.2887, 0.3652**, and if you desaturate by 10%, it is **23.8768, 0.3050, 0.3391**.

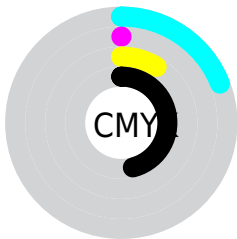
Distribution



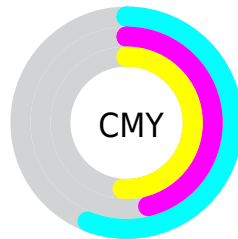
- Red (44%)
- Green (54%)
- Blue (49%)



- Red (44%)
- Yellow (50%)
- Blue (54%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (46%)





- Cyan (56%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.7515, 0.2966, 0.3515 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 22.7515, 0.2966, 0.3515 by changing the saturation by 10% instead.


 22.7515, 0.2966,
0.3515


 22.7515, 0.2966,
0.3515


266.4461, 0.3057,
0.3387


 14.4101, 0.2939,
0.3553


 47.9850, 0.3002,
0.3464

 8.4065, 0.2901,
0.3607


 65.6458, 0.3015,
0.3447

 4.3561, 0.2843,
0.3689

 87.1820, 0.3025,
0.3432

 1.8747, 0.2747,
0.3828

 112.9779, 0.3034,
0.3420

 0.5331, 0.1981,
0.4869

143.4178, 0.3041,
0.3410

 0.0000, 0.0000,
0.0000

178.8862, 0.3047,

0.3401

219.7675, 0.3052,
0.3394

■ 22.7515, 0.2966,
0.3515

■ 22.7515, 0.2966,
0.3515

■ 21.7747, 0.2887,
0.3652

■ 23.8768, 0.3050,
0.3391

■ 20.9372, 0.2815,
0.3800

■ 25.1538, 0.3136,
0.3280

■ 20.2330, 0.2752,
0.3959

■ 26.5890, 0.3222,
0.3180

■ 19.6547, 0.2703,
0.4127

■ 28.1878, 0.3307,
0.3092

■ 19.1941, 0.2670,
0.4301

■ 29.9553, 0.3391,
0.3014

■ 18.8419, 0.2654,
0.4477

■ 31.8963, 0.3471,
0.2946

■ 18.5873, 0.2657,
0.4651

■ 34.0156, 0.3549,
0.2886

■ 18.4040, 0.2675,
0.4820

■ 36.3175, 0.3623,
0.2834

■ 18.3869, 0.2677,
0.4837

■ 38.8066, 0.3693,
0.2788

Harmonies

Analogous

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



22.7515, 0.3183, 0.3648



22.7515, 0.2966, 0.3515



22.7515, 0.2796, 0.3317

Triad

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



22.7515, 0.2966, 0.3515



22.7515, 0.2862, 0.2924



22.7515, 0.3559, 0.3436

Complementary

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



22.7515, 0.2966, 0.3515



18.1084, 0.3324, 0.3076

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.



22.7515, 0.3467, 0.3250



22.7515, 0.2966, 0.3515



22.7515, 0.3060, 0.2962

Square

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



22.7515, 0.2966, 0.3515



22.7515, 0.2738, 0.2978



22.7515, 0.3282, 0.3080



22.7515, 0.3529, 0.3593

Rectangle

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



22.7515, 0.2966, 0.3515



22.7515, 0.2730, 0.3182



22.7515, 0.3282, 0.3080



22.7515, 0.3541, 0.3375

Sweetspot

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



22.7525, 0.2966, 0.3515



43.3807, 0.3074, 0.3358



23.2617, 0.3240, 0.3769



9.7034, 0.3070, 0.3364



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.



22.7525, 0.2966, 0.3515



39.9186, 0.2930, 0.3575



22.8326, 0.2852, 0.3273



5.6503, 0.3049, 0.3393



17.1259, 0.2676, 0.4832



0.1167, 0.2472, 0.4098

Inverse Universe

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



18.1084, 0.3324, 0.3076



29.9559, 0.3382, 0.3022



18.0160, 0.3480, 0.3307



5.0845, 0.3213, 0.3190



5.2931, 0.5061, 0.2562



0.0381, 0.4132, 0.2050

Previews

White Background



This preview shows how the Yxy color 22.7515, 0.2966, 0.3515 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 22.7515, 0.2966, 0.3515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

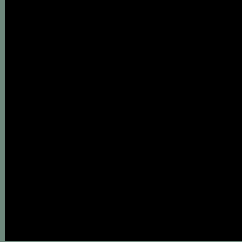
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.7515, 0.2966, 0.3515

Background



This preview shows how black text looks on a background with the Yxy color 22.7515, 0.2966, 0.3515.



This preview shows how white text looks on a background with the Yxy color 22.7515, 0.2966, 0.3515.

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

22.7515, 0.2966, 0.3515

Protanopia

22.4966, 0.3285, 0.3449

Deuteranopia

22.7308, 0.3344, 0.3291



Tritanopia

22.7394, 0.2816, 0.3092

Trichromacy



Original Color

22.7515, 0.2966, 0.3515

Protanomaly

22.6158, 0.3163, 0.3489

Deuteranomaly

22.7255, 0.3204, 0.3378

Tritanomaly

22.7403, 0.2872, 0.3235

Monochromacy



Original Color

22.7515, 0.2966, 0.3515

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.9025, 0.3067, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.7515, 0.2966, 0.3515 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(111, 137, 125)` looks like.

```
.text, #text, p{  
    color:rgb(111, 137, 125)  
}
```

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(111, 137, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 137, 125) }
```

Border

The CSS property to change the border of an element to Yxy 22.7515, 0.2966, 0.3515 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(111, 137, 125) }
```

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

```
.border{ border-color:rgb(111, 137, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 137, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 137, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 137, 125);  
box-shadow:4px 4px 4px 4px rgb(111, 137,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 22.7515, 0.2966, 0.3515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 137, 125) }
```

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

```
.background{ background-color: rgb(111,  
137, 125) }
```

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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