

Converting Colors

$Y_{xy}(24.2430, 0.3125, 0.3898)$

Have a look what the booklet for
Yxy(24.2430, 0.3125, 0.3898)
contains.

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Color

Yxy(24.2814, 0.3129, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	718F6E
RGB	113, 143, 110
RGB Percent	44%, 56%, 43%
CMY	0.5569, 0.4392, 0.5685
CMYK	0.21, 0.00, 0.23, 0.44
HSL	115°, 13%, 50%
HSV	115°, 23%, 56%
XYZ	19.4463, 24.2814, 18.4208
YIQ	130.2680, -7.2870, -16.6230

Conversions

Conversions Part 2

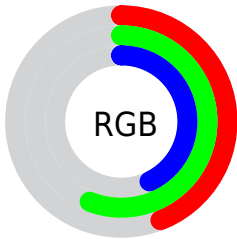
Format	Color
R_{YB}	110, 143, 140
Decimal	7442286
CIE _{Lab}	56.37, -17.31, 14.16
CIE _{LCh}	56, 22.362, 140.716
Yxy	24.2814, 0.3129, 0.3907
Android (android.graphics.Color)	4285632366 (0xFF718F6E)
YUV	130.2680, -9.9921, -15.1440
Hunter-Lab	49.2762, -15.7904, 12.3291

Details

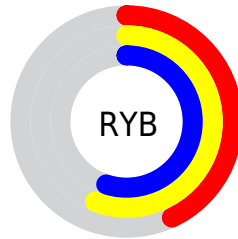
The Yxy color $24.2814, 0.3129, 0.3907$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $18.7206, 0.3116, 0.2731$, and the grayscale version is $22.4609, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.5405, 0.3128, 0.3764$, and $9.2665, 0.3115, 0.4184$ is the 20% darker color. If you saturate the color by 10%, you get $23.1933, 0.3126, 0.4222$, and if you desaturate by 10%, it is $25.5458, 0.3129, 0.3620$.

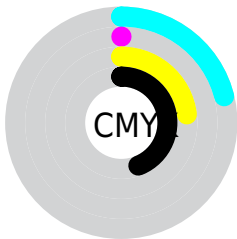
Distribution



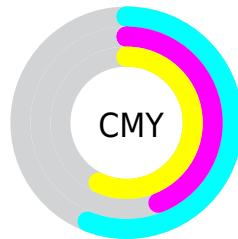
- Red (44%)
- Green (56%)
- Blue (43%)



- Red (43%)
- Yellow (56%)
- Blue (55%)



- Cyan (21%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)




- Cyan (56%)
- Magenta (44%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.2814, 0.3129, 0.3907 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 24.2814, 0.3129, 0.3907 by changing the saturation by 10% instead.

 24.2814, 0.3129,
0.3907


 24.2814, 0.3129,
0.3907


274.2401, 0.3134,
0.3554


 15.5425, 0.3125,
0.4014


 50.4890, 0.3133,
0.3766


 9.2010, 0.3116,
0.4165


 68.7265, 0.3133,
0.3717

 4.8725, 0.3098,
0.4395

 90.8990, 0.3134,
0.3677

 2.1727, 0.3054,
0.4782

 117.3909, 0.3134,
0.3644

 0.7050, 0.2599,
0.7401

148.5865, 0.3134,
0.3617

 0.0000, 0.0000,
0.0000

184.8703, 0.3134,

0.3593

226.6267, 0.3134,
0.3572

■ 24.2814, 0.3129,
0.3907

■ 24.2814, 0.3129,
0.3907

■ 23.1933, 0.3126,
0.4222

■ 25.5458, 0.3129,
0.3620

■ 22.2706, 0.3120,
0.4556

■ 26.9904, 0.3128,
0.3363

■ 21.5062, 0.3109,
0.4896

■ 28.6232, 0.3125,
0.3136


■ 20.8911, 0.3095,
0.5223

■ 30.4505, 0.3121,
0.2938


■ 20.4156, 0.3077,
0.5513


■ 32.4785, 0.3117,
0.2766

 20.0685, 0.3057,
0.5745


 34.7131, 0.3112,
0.2617

 19.8372, 0.3036,
0.5901

 37.1597, 0.3107,
0.2488

 19.7307, 0.3026,
0.5979

 39.8239, 0.3102,
0.2376

 42.7109, 0.3098,
0.2279

Harmonies

Analogous

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



24.2814, 0.3509, 0.3987



24.2814, 0.3129, 0.3907



24.2814, 0.2764, 0.3623

Triad

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



24.2814, 0.3129, 0.3907



24.2814, 0.2486, 0.2708



24.2814, 0.3787, 0.3279

Complementary

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



24.2814, 0.3129, 0.3907



18.7206, 0.3116, 0.2731

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.



24.2814, 0.3480, 0.2983



24.2814, 0.3129, 0.3907



24.2814, 0.2727, 0.2661

Square

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



24.2814, 0.3129, 0.3907



24.2814, 0.2407, 0.2912



24.2814, 0.3087, 0.2762



24.2814, 0.3904, 0.3595

Rectangle

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



24.2814, 0.3129, 0.3907



24.2814, 0.2575, 0.3373



24.2814, 0.3087, 0.2762



24.2814, 0.3702, 0.3175

Sweetspot

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



24.2824, 0.3129, 0.3907



47.2345, 0.3129, 0.3464



25.6373, 0.3474, 0.3793



10.8020, 0.3129, 0.3477



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



24.2824, 0.3129, 0.3907



42.3662, 0.3128, 0.4078



24.3988, 0.2975, 0.3657



6.0511, 0.3129, 0.3516



17.4488, 0.3028, 0.5978



0.1705, 0.3157, 0.5875

Inverse Universe

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



18.7206, 0.3116, 0.2731



30.4912, 0.3111, 0.2594



18.6043, 0.3318, 0.2950



5.4868, 0.3124, 0.3072



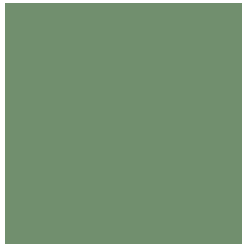
5.9672, 0.2990, 0.1421



0.0617, 0.3106, 0.1485

Previews

White Background



This preview shows how the Yxy color 24.2814, 0.3129, 0.3907 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 24.2814, 0.3129, 0.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

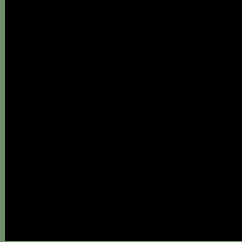
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.2814, 0.3129, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 24.2814, 0.3129, 0.3907.



This preview shows how white text looks on a background with the Yxy color 24.2814, 0.3129, 0.3907.

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

24.2814, 0.3129, 0.3907

Protanopia

24.2082, 0.3535, 0.3787

Deuteranopia

24.2254, 0.3634, 0.3568



Tritanopia

24.3400, 0.2833, 0.3098

Trichromacy



Original Color

24.2814, 0.3129, 0.3907

Protanomaly

24.1440, 0.3382, 0.3841

Deuteranomaly

24.0732, 0.3432, 0.3688

Tritanomaly

24.2873, 0.2934, 0.3379

Monochromacy



Original Color

24.2814, 0.3129, 0.3907

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.0431, 0.3128, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.2814, 0.3129, 0.3907 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(113, 143, 110)` looks like.

```
.text, #text, p{  
    color:rgb(113, 143, 110)  
}
```

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(113, 143, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 143, 110) }
```

Border

The CSS property to change the border of an element to Yxy 24.2814, 0.3129, 0.3907 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(113, 143, 110) }
```

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

```
.border{ border-color:rgb(113, 143, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 143, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 143, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 143, 110);  
box-shadow:4px 4px 4px 4px rgb(113, 143,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 24.2814, 0.3129, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 143, 110) }
```

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

```
.background{ background-color: rgb(113,  
143, 110) }
```

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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