

Converting Colors

$Y_{xy}(24.1952, 0.3142, 0.4116)$

Have a look what the booklet for
Yxy(24.1952, 0.3142, 0.4116)
contains.

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Color

Yxy(24.3162, 0.3148, 0.4130)

Conversions

Conversions Part 1

Format	Color
Hex	6B9165
RGB	107, 145, 101
RGB Percent	42%, 57%, 40%
CMY	0.5805, 0.4313, 0.6039
CMYK	0.26, 0.00, 0.30, 0.43
HSL	112°, 18%, 48%
HSV	112°, 30%, 57%
XYZ	18.5345, 24.3162, 16.0263
YIQ	128.6220, -8.5240, -21.7400

Conversions

Conversions Part 2

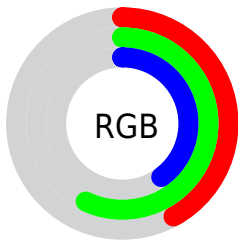
Format	Color
R_{YB}	101, 145, 139
Decimal	7049573
CIE _{Lab}	56.40, -22.14, 19.24
CIE _{LCh}	56, 29.325, 139.011
Yxy	24.3162, 0.3148, 0.4130
Android (android.graphics.Color)	4285239653 (0xFF6B9165)
YUV	128.6220, -13.6176, -18.9625
Hunter-Lab	49.3115, -19.2031, 15.2487

Details

The Yxy color $24.3162, 0.3148, 0.4130$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.8427, 0.3083, 0.2543$, and the grayscale version is $21.8627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.4848, 0.3151, 0.3938$, and $9.1713, 0.3127, 0.4472$ is the 20% darker color. If you saturate the color by 10%, you get $23.3366, 0.3148, 0.4456$, and if you desaturate by 10%, it is $25.4606, 0.3144, 0.3825$.

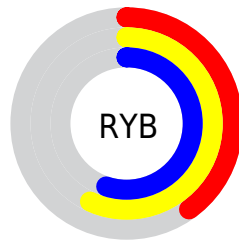
Distribution



Red (42%)

Green (57%)

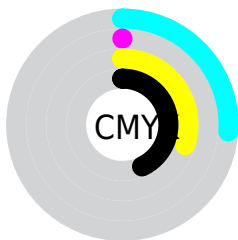
Blue (40%)



Red (40%)

Yellow (57%)

Blue (55%)

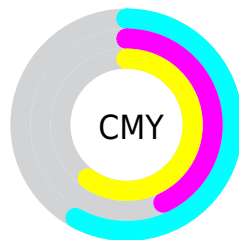


Cyan (26%)

Magenta (0%)

Yellow (30%)

Black (43%)



Cyan (58%)


Magenta (43%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3162, 0.3148, 0.4130 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 24.3162, 0.3148, 0.4130 by changing the saturation by 10% instead.


 24.3162, 0.3148,
0.4130


 24.3162, 0.3148,
0.4130


274.4152, 0.3147,
0.3646


 15.5683, 0.3142,
0.4278


 50.5457, 0.3151,
0.3936

 9.2192, 0.3130,
0.4487


 68.7961, 0.3151,
0.3869

 4.8845, 0.3101,
0.4805

 90.9829, 0.3151,
0.3814

 2.1796, 0.3051,
0.5386

 117.4904, 0.3150,
0.3769

 0.7089, 0.1584,
0.8416

148.7029, 0.3149,
0.3731

 0.0000, 0.0000,
0.0000

185.0050, 0.3149,

0.3699

226.7810, 0.3148,
0.3671

■ 24.3162, 0.3148,
0.4130

■ 24.3162, 0.3148,
0.4130

■ 23.3366, 0.3148,
0.4456

■ 25.4606, 0.3144,
0.3825

■ 22.5112, 0.3144,
0.4792

■ 26.7738, 0.3137,
0.3547

■ 21.8331, 0.3133,
0.5121


■ 28.2632, 0.3128,
0.3298


■ 21.2934, 0.3116,
0.5420

■ 29.9351, 0.3117,
0.3079


■ 20.8824, 0.3093,
0.5669

■ 31.7955, 0.3107,
0.2887


 20.5891, 0.3066,
0.5849

 33.8499, 0.3096,
0.2720

 20.3994, 0.3044,
0.5965

 36.1038, 0.3085,
0.2574

 38.5623, 0.3075,
0.2448

 41.2305, 0.3065,
0.2338

Harmonies

Analogous

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



24.3162, 0.3640, 0.4205



24.3162, 0.3148, 0.4130



24.3162, 0.2673, 0.3759

Triad

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



24.3162, 0.3148, 0.4130



24.3162, 0.2291, 0.2545



24.3162, 0.3978, 0.3242

Complementary

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



24.3162, 0.3148, 0.4130



16.8427, 0.3083, 0.2543

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.



24.3162, 0.3559, 0.2873



24.3162, 0.3148, 0.4130



24.3162, 0.2583, 0.2483

Square

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



24.3162, 0.3148, 0.4130



24.3162, 0.2205, 0.2807



24.3162, 0.3039, 0.2603



24.3162, 0.4145, 0.3645

Rectangle

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



24.3162, 0.3148, 0.4130



24.3162, 0.2428, 0.3421



24.3162, 0.3039, 0.2603



24.3162, 0.3860, 0.3112

Sweetspot

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



24.3172, 0.3148, 0.4130



48.2352, 0.3136, 0.3516



25.2544, 0.3599, 0.3922



10.6566, 0.3137, 0.3551



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.



24.3172, 0.3148, 0.4130



42.3860, 0.3149, 0.4337



24.2906, 0.2949, 0.3837



6.0623, 0.3136, 0.3516



17.5018, 0.3046, 0.5963



0.1728, 0.3232, 0.5815

Inverse Universe

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



16.8427, 0.3083, 0.2543



26.9204, 0.3070, 0.2384



16.9278, 0.3365, 0.2801



5.4744, 0.3117, 0.3072



5.5219, 0.2877, 0.1359



0.0594, 0.3051, 0.1454

Previews

White Background



This preview shows how the Yxy color 24.3162, 0.3148, 0.4130 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 24.3162, 0.3148, 0.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

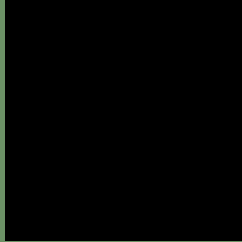
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3162, 0.3148, 0.4130

Background



This preview shows how black text looks on a background with the Yxy color 24.3162, 0.3148, 0.4130.



This preview shows how white text looks on a background with the Yxy color 24.3162, 0.3148, 0.4130.

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

24.3162, 0.3148, 0.4130

Protanopia

24.1922, 0.3669, 0.3953

Deuteranopia

23.9691, 0.3770, 0.3696



Tritanopia

24.3121, 0.2777, 0.3096

Trichromacy



Original Color

24.3162, 0.3148, 0.4130

Protanomaly

24.1724, 0.3461, 0.4022

Deuteranomaly

23.7962, 0.3519, 0.3848

Tritanomaly

24.1604, 0.2912, 0.3454

Monochromacy



Original Color

24.3162, 0.3148, 0.4130

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.7248, 0.3136, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3162, 0.3148, 0.4130 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(107, 145, 101)` looks like.

```
.text, #text, p{  
    color:rgb(107, 145, 101)  
}
```

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(107, 145, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 145, 101) }
```

Border

The CSS property to change the border of an element to Yxy 24.3162, 0.3148, 0.4130 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(107, 145, 101) }
```

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

```
.border{ border-color:rgb(107, 145, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 145, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 145, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 145, 101);  
box-shadow:4px 4px 4px 4px rgb(107, 145,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 24.3162, 0.3148, 0.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 145, 101) }
```

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

```
.background{ background-color: rgb(107,  
145, 101) }
```

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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