

Converting Colors

$Y_{xy}(24.8941, 0.3164, 0.4201)$

Have a look what the booklet for
Yxy(24.8941, 0.3164, 0.4201)
contains.

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Color

Yxy(24.8941, 0.3164, 0.4201)

Conversions

Conversions Part 1

Format	Color
Hex	6B9363
RGB	107, 147, 99
RGB Percent	42%, 58%, 39%
CMY	0.5804, 0.4235, 0.6119
CMYK	0.27, 0.00, 0.33, 0.42
HSL	110°, 20%, 48%
HSV	110°, 33%, 58%
XYZ	18.7491, 24.8941, 15.6144
YIQ	129.5680, -8.4320, -23.4080

Conversions

Conversions Part 2

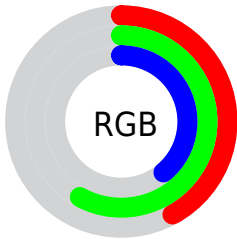
Format	Color
R_{YB}	99, 147, 139
Decimal	7050083
CIE _{Lab}	56.97, -23.47, 21.13
CIE _{LCh}	57, 31.583, 138.010
Yxy	24.8941, 0.3164, 0.4201
Android (android.graphics.Color)	4285240163 (0xFF6B9363)
YUV	129.5680, -15.0700, -19.7921
Hunter-Lab	49.8940, -20.2380, 16.3709

Details

The Yxy color $24.8941, 0.3164, 0.4201$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $16.5115, 0.3058, 0.2479$, and the grayscale version is $22.2195, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.3462, 0.3163, 0.3991$, and $9.5132, 0.3148, 0.4573$ is the 20% darker color. If you saturate the color by 10%, you get $23.9333, 0.3167, 0.4528$, and if you desaturate by 10%, it is $26.0156, 0.3156, 0.3892$.

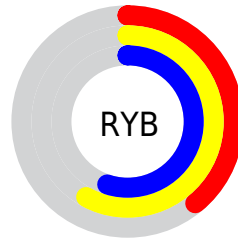
Distribution



Red (42%)

Green (58%)

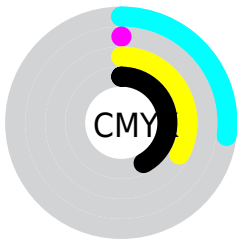
Blue (39%)



Red (39%)

Yellow (58%)

Blue (55%)

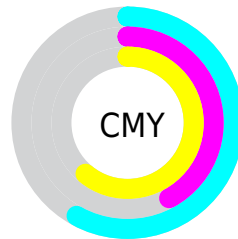


Cyan (27%)

Magenta (0%)

Yellow (33%)

Black (42%)



Cyan (58%)


Magenta (42%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8941, 0.3164, 0.4201 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 24.8941, 0.3164, 0.4201 by changing the saturation by 10% instead.


 24.8941, 0.3164,
0.4201

 24.8941, 0.3164,
0.4201


277.3101, 0.3156,
0.3677


 15.9982, 0.3159,
0.4360


 51.4854, 0.3165,
0.3991


 9.5229, 0.3147,
0.4585


 69.9495, 0.3164,
0.3918

 5.0838, 0.3117,
0.4925

 92.3718, 0.3163,
0.3859

 2.2965, 0.3071,
0.5554

 119.1367, 0.3162,
0.3810

 0.7719, 0.1722,
0.8278

150.6286, 0.3160,
0.3769

 0.0000, 0.0000,
0.0000

187.2319, 0.3159,

0.3734

229.3309, 0.3157,
0.3704

■ 24.8941, 0.3164,
0.4201

■ 24.8941, 0.3164,
0.4201

■ 23.9333, 0.3167,
0.4528

■ 26.0156, 0.3156,
0.3892

■ 23.1228, 0.3164,
0.4861

■ 27.3014, 0.3145,
0.3608

■ 22.4558, 0.3154,
0.5182

■ 28.7590, 0.3131,
0.3353

■ 21.9237, 0.3135,
0.5469

■ 30.3945, 0.3116,
0.3127

■ 21.5170, 0.3110,
0.5703

■ 32.2135, 0.3101,
0.2928

■ 21.2248, 0.3078,
0.5866

■ 34.2216, 0.3086,
0.2754

■ 21.0699, 0.3059,
0.5953

■ 36.4241, 0.3071,
0.2602

■ 38.8260, 0.3057,
0.2470

■ 41.4322, 0.3044,
0.2354

Harmonies

Analogous

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



24.8941, 0.3687, 0.4264



24.8941, 0.3164, 0.4201



24.8941, 0.2656, 0.3811

Triad

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



24.8941, 0.3164, 0.4201



24.8941, 0.2233, 0.2502



24.8941, 0.4026, 0.3222

Complementary

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



24.8941, 0.3164, 0.4201



16.5115, 0.3058, 0.2479

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.



24.8941, 0.3569, 0.2835



24.8941, 0.3164, 0.4201



24.8941, 0.2534, 0.2432

Square

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



24.8941, 0.3164, 0.4201



24.8941, 0.2149, 0.2785



24.8941, 0.3013, 0.2555



24.8941, 0.4214, 0.3648

Rectangle

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



24.8941, 0.3164, 0.4201



24.8941, 0.2393, 0.3447



24.8941, 0.3013, 0.2555



24.8941, 0.3897, 0.3085

Sweetspot

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



24.8952, 0.3164, 0.4201



49.5057, 0.3141, 0.3543



25.3374, 0.3645, 0.3947



11.2279, 0.3143, 0.3577



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



24.8952, 0.3164, 0.4201



43.3255, 0.3167, 0.4433



24.7386, 0.2950, 0.3919



6.5123, 0.3140, 0.3517



18.2736, 0.3061, 0.5951



0.2324, 0.3282, 0.5776

Inverse Universe

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



16.5115, 0.3058, 0.2479



25.9730, 0.3037, 0.2300



16.7824, 0.3366, 0.2736



5.8606, 0.3112, 0.3070



5.4481, 0.2799, 0.1316



0.0772, 0.3011, 0.1433

Previews

White Background



This preview shows how the Yxy color 24.8941, 0.3164, 0.4201 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 24.8941, 0.3164, 0.4201 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

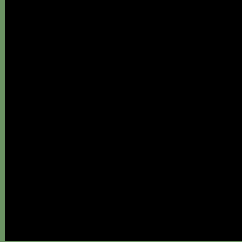
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8941, 0.3164, 0.4201

Background



This preview shows how black text looks on a background with the Yxy color 24.8941, 0.3164, 0.4201.



This preview shows how white text looks on a background with the Yxy color 24.8941, 0.3164, 0.4201.

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

24.8941, 0.3164, 0.4201

Protanopia

24.6195, 0.3710, 0.3996

Deuteranopia

24.7889, 0.3808, 0.3737



Tritanopia

24.7362, 0.2771, 0.3081

Trichromacy



Original Color

24.8941, 0.3164, 0.4201

Protanomaly

24.5062, 0.3489, 0.4071

Deuteranomaly

24.5133, 0.3546, 0.3893

Tritanomaly

24.8491, 0.2914, 0.3470

Monochromacy



Original Color

24.8941, 0.3164, 0.4201

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.0778, 0.3146, 0.3601

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8941, 0.3164, 0.4201 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, 147, 99)` looks like.

```
.text, #text, p{  
    color:rgb(107, 147, 99)  
}
```

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, 147, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 147, 99) }
```

Border

The CSS property to change the border of an element to Yxy 24.8941, 0.3164, 0.4201 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, 147, 99) }
```

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

```
.border{ border-color:rgb(107, 147, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 147, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 147, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 147, 99);  
box-shadow:4px 4px 4px 4px rgb(107, 147,  
99) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8941, 0.3164, 0.4201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 147, 99) }
```

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

```
.background{ background-color: rgb(107,  
147, 99) }
```

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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