

Converting Colors

$Yxy(24.7364, 0.3095, 0.3889)$

Have a look what the booklet for
Yxy(24.7364, 0.3095, 0.3889)
contains.

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Color

Yxy(24.8654, 0.3098, 0.3904)

Conversions

Conversions Part 1

Format	Color
Hex	709170
RGB	112, 145, 112
RGB Percent	44%, 57%, 44%
CMY	0.5608, 0.4314, 0.5607
CMYK	0.23, 0.00, 0.23, 0.43
HSL	120°, 13%, 50%
HSV	120°, 23%, 57%
XYZ	19.7318, 24.8654, 19.0949
YIQ	131.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

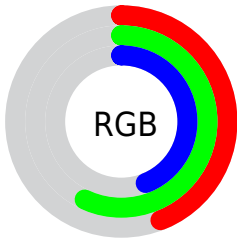
Format	Color
R_{YB}	112, 145, 145
Decimal	7377264
CIE _{Lab}	56.94, -18.35, 13.82
CIE _{LCh}	57, 22.974, 143.026
Yxy	24.8654, 0.3098, 0.3904
Android (android.graphics.Color)	4285567344 (0xFF709170)
YUV	131.3710, -9.5499, -16.9884
Hunter-Lab	49.8652, -16.6311, 12.2017

Details

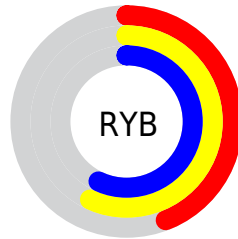
The Yxy color $24.8654, 0.3098, 0.3904$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $19.6492, 0.3153, 0.2744$, and the grayscale version is $22.8740, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.4197, 0.3105, 0.3762$, and $9.4323, 0.3072, 0.4153$ is the 20% darker color. If you saturate the color by 10%, you get $23.6935, 0.3083, 0.4224$, and if you desaturate by 10%, it is $26.2445, 0.3112, 0.3613$.

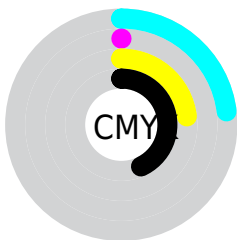
Distribution



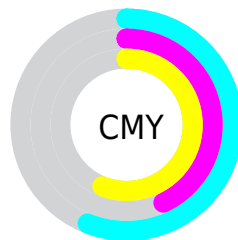
- Red (44%)
- Green (57%)
- Blue (44%)



- Red (44%)
- Yellow (57%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (23%)
- Black (43%)




- Cyan (56%)
- Magenta (43%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.8654, 0.3098, 0.3904 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 24.8654, 0.3098, 0.3904 by changing the saturation by 10% instead.


 24.8654, 0.3098,
0.3904


 24.8654, 0.3098,
0.3904


277.1670, 0.3120,
0.3554


 15.9768, 0.3089,
0.4010


 51.4388, 0.3108,
0.3764


 9.5077, 0.3074,
0.4159


 69.8923, 0.3111,
0.3716

 5.0738, 0.3047,
0.4384

 92.3030, 0.3114,
0.3676

 2.2906, 0.2989,
0.4763

 119.0552, 0.3116,
0.3644

 0.7687, 0.2688,
0.7312

150.5333, 0.3117,
0.3616

 0.0000, 0.0000,
0.0000

187.1217, 0.3118,

0.3592

229.2048, 0.3119,
0.3572

■ 24.8654, 0.3098,
0.3904

■ 24.8654, 0.3098,
0.3904

■ 23.6935, 0.3083,
0.4224

■ 26.2445, 0.3112,
0.3613

■ 22.7159, 0.3067,
0.4566

■ 27.8368, 0.3124,
0.3356

■ 21.9230, 0.3050,
0.4915

■ 29.6519, 0.3135,
0.3130

■ 21.3032, 0.3035,
0.5250

■ 31.6979, 0.3144,
0.2935

■ 20.8435, 0.3021,
0.5544

■ 33.9827, 0.3152,
0.2767

■ 20.5293, 0.3010,
0.5774

■ 36.5134, 0.3159,
0.2623

■ 20.3432, 0.3003,
0.5923

■ 39.2972, 0.3165,
0.2499

■ 20.2525, 0.3000,
0.5999

■ 42.3408, 0.3170,
0.2392

■ 45.6508, 0.3175,
0.2300

Harmonies

Analogous

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



24.8654, 0.3488, 0.4003



24.8654, 0.3098, 0.3904



24.8654, 0.2731, 0.3602

Triad

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



24.8654, 0.3098, 0.3904



24.8654, 0.2487, 0.2688



24.8654, 0.3817, 0.3303

Complementary

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



24.8654, 0.3098, 0.3904



19.6492, 0.3153, 0.2744

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.



24.8654, 0.3516, 0.2998



24.8654, 0.3098, 0.3904



24.8654, 0.2744, 0.2653

Square

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



24.8654, 0.3098, 0.3904



24.8654, 0.2394, 0.2883



24.8654, 0.3117, 0.2766



24.8654, 0.3918, 0.3624

Rectangle

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



24.8654, 0.3098, 0.3904



24.8654, 0.2547, 0.3344



24.8654, 0.3117, 0.2766



24.8654, 0.3735, 0.3197

Sweetspot

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



24.8665, 0.3098, 0.3904



48.5522, 0.3119, 0.3464



27.4419, 0.3459, 0.3839



10.7695, 0.3118, 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.



24.8665, 0.3098, 0.3904



43.4776, 0.3091, 0.4054



25.2677, 0.2946, 0.3590



6.0295, 0.3116, 0.3517



17.3701, 0.3000, 0.5999



0.1661, 0.2998, 0.5994

Inverse Universe

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



19.6492, 0.3153, 0.2744



32.5449, 0.3159, 0.2628



19.1774, 0.3357, 0.3008



5.5109, 0.3137, 0.3073



6.9128, 0.3212, 0.1543



0.0661, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 24.8654, 0.3098, 0.3904 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 24.8654, 0.3098, 0.3904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

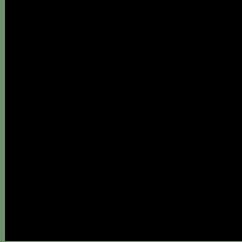
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8654, 0.3098, 0.3904

Background



This preview shows how black text looks on a background with the Yxy color 24.8654, 0.3098, 0.3904.



This preview shows how white text looks on a background with the Yxy color 24.8654, 0.3098, 0.3904.

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

24.8654, 0.3098, 0.3904

Protanopia

24.7108, 0.3533, 0.3765

Deuteranopia

24.6385, 0.3619, 0.3550



Tritanopia

24.9125, 0.2808, 0.3099

Trichromacy



Original Color

24.8654, 0.3098, 0.3904

Protanomaly

24.5559, 0.3370, 0.3820

Deuteranomaly

24.4859, 0.3419, 0.3668

Tritanomaly

24.8651, 0.2907, 0.3379

Monochromacy



Original Color

24.8654, 0.3098, 0.3904

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.3486, 0.3117, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8654, 0.3098, 0.3904 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(112, 145, 112)` looks like.

```
.text, #text, p{  
    color:rgb(112, 145, 112)  
}
```

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(112, 145, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 145, 112) }
```

Border

The CSS property to change the border of an element to Yxy 24.8654, 0.3098, 0.3904 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(112, 145, 112) }
```

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

```
.border{ border-color:rgb(112, 145, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 145, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 145, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 145, 112);  
box-shadow:4px 4px 4px 4px rgb(112, 145,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8654, 0.3098, 0.3904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 145, 112) }
```

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

```
.background{ background-color: rgb(112,  
145, 112) }
```

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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