

Converting Colors

$Yxy(24.1633, 0.3261, 0.4057)$

Have a look what the booklet for
Yxy(24.1633, 0.3261, 0.4057)
contains.

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Color

$Y_{xy}(24.0675, 0.3261, 0.4054)$

Conversions

Conversions Part 1

Format	Color
Hex	758E65
RGB	117, 142, 101
RGB Percent	46%, 56%, 40%
CMY	0.5411, 0.4431, 0.6039
CMYK	0.18, 0.00, 0.29, 0.44
HSL	97°, 17%, 48%
HSV	97°, 29%, 56%
XYZ	19.3597, 24.0675, 15.9401
YIQ	129.8510, -1.7390, -18.0510

Conversions

Conversions Part 2

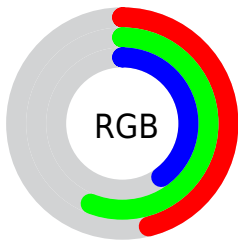
Format	Color
R_{YB}	101, 142, 126
Decimal	7704165
CIE _{Lab}	56.16, -16.83, 19.00
CIE _{LCh}	56, 25.379, 131.533
Yxy	24.0675, 0.3261, 0.4054
Android (android.graphics.Color)	4285894245 (0xFF758E65)
YUV	129.8510, -14.2235, -11.2703
Hunter-Lab	49.0586, -15.4124, 15.0766

Details

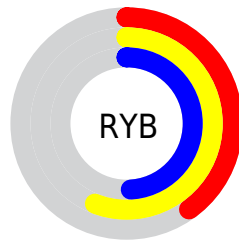
The Yxy color $24.0675, 0.3261, 0.4054$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $15.6987, 0.2950, 0.2552$, and the grayscale version is $22.3209, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.2929, 0.3243, 0.3884$, and $9.1496, 0.3287, 0.4374$ is the 20% darker color. If you saturate the color by 10%, you get $23.2415, 0.3299, 0.4353$, and if you desaturate by 10%, it is $24.9992, 0.3217, 0.3770$.

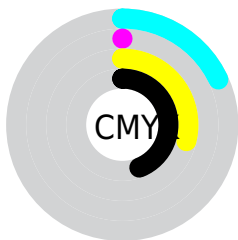
Distribution



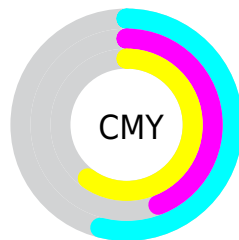
- Red (46%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (49%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (44%)





- Cyan (54%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0675, 0.3261, 0.4054 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 24.0675, 0.3261, 0.4054 by changing the saturation by 10% instead.


 24.0675, 0.3261,
0.4054


 24.0675, 0.3261,
0.4054


273.1616, 0.3195,
0.3617

 15.3837, 0.3275,
0.4186


 50.1403, 0.3238,
0.3879


 9.0891, 0.3291,
0.4373


 68.2981, 0.3229,
0.3819

 4.7994, 0.3305,
0.4654


 90.3828, 0.3221,
0.3769

 2.1300, 0.3331,
0.5167

 116.7786, 0.3215,
0.3728

 0.6814, 0.2580,
0.7420

147.8699, 0.3209,
0.3694

 0.0000, 0.0000,
0.0000

184.0413, 0.3204,

0.3664

225.6771, 0.3199,
0.3639

■ 24.0675, 0.3261,
0.4054

■ 24.0675, 0.3261,
0.4054

■ 23.2415, 0.3299,
0.4353

■ 24.9992, 0.3217,
0.3770

■ 22.5140, 0.3328,
0.4658

■ 26.0372, 0.3170,
0.3505

■ 21.8819, 0.3344,
0.4956

■ 27.1860, 0.3122,
0.3264

■ 21.3405, 0.3345,
0.5232

■ 28.4490, 0.3074,
0.3046

■ 20.8847, 0.3329,
0.5469

■ 29.8294, 0.3028,
0.2851

■ 20.5090, 0.3295,
0.5654

■ 31.3303, 0.2983,
0.2677

■ 20.2021, 0.3249,
0.5791

■ 32.9547, 0.2942,
0.2523

■ 20.1703, 0.3245,
0.5806

■ 34.7054, 0.2902,
0.2387

■ 36.5851, 0.2866,
0.2266

Harmonies

Analogous

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



24.0675, 0.3674, 0.4061



24.0675, 0.3261, 0.4054



24.0675, 0.2830, 0.3791

Triad

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



24.0675, 0.3261, 0.4054



24.0675, 0.2356, 0.2681



24.0675, 0.3791, 0.3166

Complementary

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



24.0675, 0.3261, 0.4054



15.6987, 0.2950, 0.2552

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.



24.0675, 0.3394, 0.2855



24.0675, 0.3261, 0.4054



24.0675, 0.2572, 0.2578

Square

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



24.0675, 0.3261, 0.4054



24.0675, 0.2328, 0.2959



24.0675, 0.2944, 0.2645



24.0675, 0.3999, 0.3522

Rectangle

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



24.0675, 0.3261, 0.4054



24.0675, 0.2590, 0.3517



24.0675, 0.2944, 0.2645



24.0675, 0.3673, 0.3055

Sweetspot

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



24.0685, 0.3261, 0.4054



45.8522, 0.3171, 0.3513



21.5116, 0.3619, 0.3722



10.1859, 0.3178, 0.3547



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



24.0685, 0.3261, 0.4054



41.4225, 0.3288, 0.4258



23.1357, 0.3052, 0.4012



6.1256, 0.3171, 0.3513



18.1201, 0.3248, 0.5803



0.1853, 0.3592, 0.5530

Inverse Universe

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



15.6987, 0.2950, 0.2552



24.0403, 0.2896, 0.2364



16.8928, 0.3212, 0.2661



5.4074, 0.3079, 0.3069



3.5652, 0.2275, 0.1027



0.0469, 0.2706, 0.1265

Previews

White Background



This preview shows how the Yxy color 24.0675, 0.3261, 0.4054 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 24.0675, 0.3261, 0.4054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

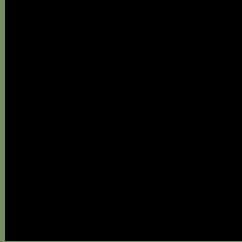
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0675, 0.3261, 0.4054

Background



This preview shows how black text looks on a background with the Yxy color 24.0675, 0.3261, 0.4054.



This preview shows how white text looks on a background with the Yxy color 24.0675, 0.3261, 0.4054.

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

24.0675, 0.3261, 0.4054

Protanopia

23.8613, 0.3640, 0.3906

Deuteranopia

23.8681, 0.3758, 0.3698



Tritanopia

24.0000, 0.2890, 0.3099

Trichromacy



Original Color

24.0675, 0.3261, 0.4054

Protanomaly

23.8605, 0.3494, 0.3964

Deuteranomaly

23.7803, 0.3560, 0.3825

Tritanomaly

23.8536, 0.3023, 0.3434

Monochromacy



Original Color

24.0675, 0.3261, 0.4054

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.7421, 0.3182, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0675, 0.3261, 0.4054 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(117, 142, 101)` looks like.

```
.text, #text, p{  
    color:rgb(117, 142, 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(117, 142, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 142, 101) }
```

Border

The CSS property to change the border of an element to Yxy 24.0675, 0.3261, 0.4054 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(117, 142, 101) }
```

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

```
.border{ border-color:rgb(117, 142, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 142, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 142, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 142, 101);  
box-shadow:4px 4px 4px 4px rgb(117, 142,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0675, 0.3261, 0.4054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 142, 101) }
```

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

```
.background{ background-color: rgb(117,  
142, 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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