

Converting Colors

$Y_{xy}(30.0138, 0.3670, 0.4438)$

Have a look what the booklet for
Yxy(30.0138, 0.3670, 0.4438)
contains.

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Color

Yxy(30.0121, 0.3666, 0.4433)

Conversions

Conversions Part 1

Format	Color
Hex	909B54
RGB	144, 155, 84
RGB Percent	56%, 61%, 33%
CMY	0.4354, 0.3921, 0.6706
CMYK	0.07, 0.00, 0.46, 0.39
HSL	69°, 30%, 47%
HSV	69°, 46%, 61%
XYZ	24.8194, 30.0121, 12.8701
YIQ	143.6170, 16.2350, -24.4130

Conversions

Conversions Part 2

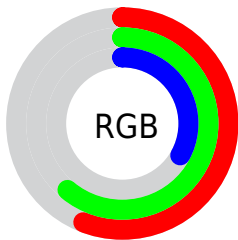
Format	Color
RYB	84, 155, 95
Decimal	9476948
CIELab	61.66, -15.18, 35.75
CIELCh	62, 38.839, 113.000
Yxy	30.0121, 0.3666, 0.4433
Android (android.graphics.Color)	4287667028 (0xFF909B54)
YUV	143.6170, -29.3912, 0.3359
Hunter-Lab	54.7833, -15.0019, 24.4195

Details

The Yxy color **30.0121, 0.3666, 0.4433** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.1407, 0.2406, 0.1941**, and the grayscale version is **27.8420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.4923, 0.3574, 0.4191**, and **12.3033, 0.3794, 0.4821** is the 20% darker color. If you saturate the color by 10%, you get **29.5823, 0.3761, 0.4663**, and if you desaturate by 10%, it is **30.5030, 0.3557, 0.4186**.

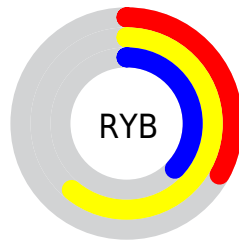
Distribution



Red (56%)

Green (61%)

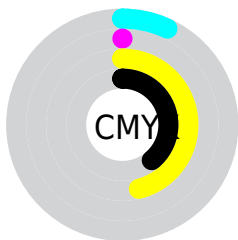
Blue (33%)



Red (33%)

Yellow (61%)

Blue (37%)

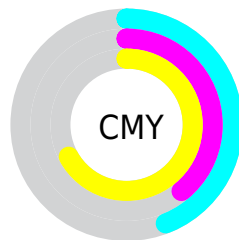


Cyan (7%)

Magenta (0%)

Yellow (46%)

Black (39%)



Cyan (44%)


Magenta (39%)


Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0121, 0.3666, 0.4433 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 30.0121, 0.3666, 0.4433 by changing the saturation by 10% instead.


 30.0121, 0.3666,
0.4433


 30.0121, 0.3666,
0.4433


301.9608, 0.3398,
0.3810


 19.8478, 0.3726,
0.4602


 59.6813, 0.3572,
0.4196

 12.2844, 0.3796,
0.4824


 79.9550, 0.3535,
0.4110


 6.9377, 0.3869,
0.5125


 104.3672, 0.3504,
0.4038

 3.4232, 0.4068,
0.5745

 133.3024, 0.3477,
0.3978

 1.3564, 0.3872,
0.6128

 167.1450, 0.3453,
0.3927

 0.1843, 0.0000,
1.0000

206.2793, 0.3433,

 0.0000, 0.0000,

0.3883

0.0000

251.0898, 0.3414,
0.3844

■ 30.0121, 0.3666,
0.4433

■ 30.0121, 0.3666,
0.4433

■ 29.5823, 0.3761,
0.4663

■ 30.5030, 0.3557,
0.4186

■ 29.2058, 0.3838,
0.4865

■ 31.0543, 0.3439,
0.3931

■ 28.8801, 0.3891,
0.5031

■ 31.6702, 0.3318,
0.3676

■ 28.6005, 0.3920,
0.5155

■ 32.3537, 0.3196,
0.3429

■ 28.3605, 0.3926,
0.5236

■ 33.1073, 0.3078,
0.3193

■ 28.2654, 0.3925,
0.5265

■ 33.9336, 0.2965,
0.2973

■ 34.8348, 0.2859,
0.2769

■ 35.8134, 0.2760,
0.2583

■ 36.8714, 0.2668,
0.2414

Harmonies

Analogous

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



30.0121, 0.4157, 0.4194



30.0121, 0.3666, 0.4433



30.0121, 0.3057, 0.4306

Triad

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



30.0121, 0.3666, 0.4433



30.0121, 0.2013, 0.2632



30.0121, 0.3738, 0.2836

Complementary

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



30.0121, 0.3666, 0.4433



11.1407, 0.2406, 0.1941

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.



30.0121, 0.3096, 0.2497



30.0121, 0.3666, 0.4433



30.0121, 0.2150, 0.2360

Square

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



30.0121, 0.3666, 0.4433



30.0121, 0.2130, 0.3145



30.0121, 0.2525, 0.2325



30.0121, 0.4228, 0.3281

Rectangle

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



30.0121, 0.3666, 0.4433



30.0121, 0.2669, 0.3996



30.0121, 0.2525, 0.2325



30.0121, 0.3529, 0.2708

Sweetspot

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



30.0135, 0.3666, 0.4433



56.8894, 0.3299, 0.3637



15.7301, 0.4232, 0.3471



12.8231, 0.3324, 0.3688



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



30.0135, 0.3666, 0.4433



52.9514, 0.3763, 0.4668



27.3282, 0.3292, 0.4588



7.1743, 0.3238, 0.3511



22.7125, 0.3927, 0.5264



0.3511, 0.4054, 0.5163

Inverse Universe

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



11.1407, 0.2406, 0.1941



14.8414, 0.2210, 0.1602



13.4643, 0.2843, 0.2090



6.0701, 0.3011, 0.3062



2.0691, 0.1578, 0.0643



0.0412, 0.1871, 0.0804

Previews

White Background



This preview shows how the Yxy color 30.0121, 0.3666, 0.4433 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 30.0121, 0.3666, 0.4433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

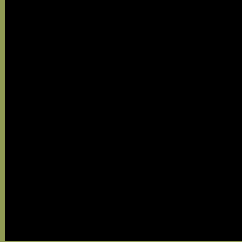
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0121, 0.3666, 0.4433

Background



This preview shows how black text looks on a background with the Yxy color 30.0121, 0.3666, 0.4433.



This preview shows how white text looks on a background with the Yxy color 30.0121, 0.3666, 0.4433.

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

30.0121, 0.3666, 0.4433

Protanopia

29.9966, 0.3946, 0.4292

Deuteranopia

29.8579, 0.4144, 0.4063



Tritanopia

30.1084, 0.3084, 0.3122

Trichromacy



Original Color

30.0121, 0.3666, 0.4433

Protanomaly

29.9258, 0.3844, 0.4336

Deuteranomaly

29.8642, 0.3969, 0.4194

Tritanomaly

29.9354, 0.3310, 0.3593

Monochromacy



Original Color

30.0121, 0.3666, 0.4433

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.5142, 0.3339, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0121, 0.3666, 0.4433 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(144, 155, 84)` looks like.

```
.text, #text, p{  
    color:rgb(144, 155, 84)  
}
```

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(144, 155, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 155, 84) }
```

Border

The CSS property to change the border of an element to Yxy 30.0121, 0.3666, 0.4433 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(144, 155, 84) }
```

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

```
.border{ border-color:rgb(144, 155, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 155, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 155, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 155, 84);  
box-shadow:4px 4px 4px 4px rgb(144, 155,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0121, 0.3666, 0.4433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 155, 84) }
```

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

```
.background{ background-color: rgb(144,  
155, 84) }
```

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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