

Converting Colors

$Y_{xy}(30.2942, 0.3126, 0.3724)$

Have a look what the booklet for
Yxy(30.2942, 0.3126, 0.3724)
contains.

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Color

Yxy(30.2942, 0.3126, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	849C82
RGB	132, 156, 130
RGB Percent	52%, 61%, 51%
CMY	0.4825, 0.3882, 0.4902
CMYK	0.15, 0.00, 0.17, 0.39
HSL	115°, 12%, 56%
HSV	115°, 17%, 61%
XYZ	25.4296, 30.2942, 25.6248
YIQ	145.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

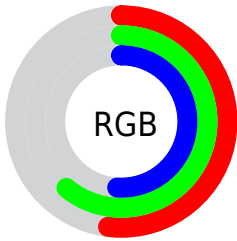
Format	Color
RYB	130, 156, 154
Decimal	8690818
CIELab	61.91, -13.62, 10.84
CIELCh	62, 17.412, 141.484
Yxy	30.2942, 0.3126, 0.3724
Android (android.graphics.Color)	4286880898 (0xFF849C82)
YUV	145.8600, -7.8190, -12.1552
Hunter-Lab	55.0402, -13.8501, 10.9247

Details

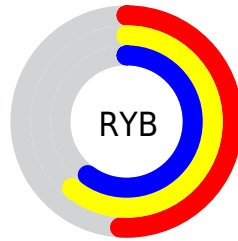
The Yxy color **30.2942, 0.3126, 0.3724** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.2392, 0.3124, 0.2886**, and the grayscale version is **28.7170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.3217, 0.3126, 0.3636**, and **12.4911, 0.3113, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **28.8249, 0.3123, 0.4025**, and if you desaturate by 10%, it is **31.9903, 0.3127, 0.3453**.

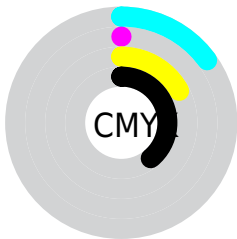
Distribution



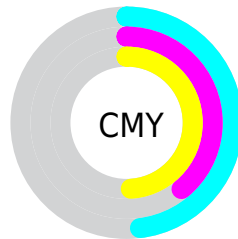
- Red (52%)
- Green (61%)
- Blue (51%)



- Red (51%)
- Yellow (61%)
- Blue (60%)



- Cyan (15%)
- Magenta (0%)
- Yellow (17%)
- Black (39%)



- Cyan (48%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.2942, 0.3126, 0.3724 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 30.2942, 0.3126, 0.3724 by changing the saturation by 10% instead.

■ 30.2942, 0.3126,
0.3724

■ 30.2942, 0.3126,
0.3724

■ 303.2734, 0.3130,
0.3486

■ 20.0620, 0.3124,
0.3792

■ 60.1271, 0.3128,
0.3632

■ 12.4401, 0.3120,
0.3884

■ 80.4966, 0.3129,
0.3599

■ 7.0442, 0.3112,
0.4019

■ 105.0141, 0.3129,
0.3572

■ 3.4897, 0.3097,
0.4230

■ 134.0638, 0.3129,
0.3549

■ 1.3924, 0.3084,
0.4653

■ 168.0302, 0.3129,
0.3530

■ 0.2111, 0.0000,
1.0000

■ 207.2976, 0.3129,

■ 0.0000, 0.0000,

0.3513

0.0000

252.2506, 0.3130,
0.3498

■ 30.2942, 0.3126,
0.3724

■ 30.2942, 0.3126,
0.3724

■ 28.8249, 0.3123,
0.4025

■ 31.9903, 0.3127,
0.3453

■ 27.5691, 0.3117,
0.4352

■ 33.9181, 0.3127,
0.3214

■ 26.5180, 0.3107,
0.4695

■ 36.0873, 0.3125,
0.3005

■ 25.6608, 0.3095,
0.5036

■ 38.5058, 0.3123,
0.2823

■ 24.9855, 0.3079,
0.5354

■ 41.1813, 0.3120,
0.2666

■ 24.4789, 0.3060,
0.5625

■ 44.1209, 0.3117,
0.2530

■ 24.1261, 0.3040,
0.5826

■ 47.3318, 0.3114,
0.2413

■ 23.9079, 0.3023,
0.5951

■ 50.8206, 0.3110,
0.2312

■ 23.8577, 0.3020,
0.5984

■ 52.2608, 0.3172,
0.2329

Harmonies

Analogous

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



30.2942, 0.3402, 0.3791



30.2942, 0.3126, 0.3724



30.2942, 0.2859, 0.3522

Triad

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



30.2942, 0.3126, 0.3724



30.2942, 0.2659, 0.2863



30.2942, 0.3606, 0.3294

Complementary

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



30.2942, 0.3126, 0.3724



25.2392, 0.3124, 0.2886

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.



30.2942, 0.3391, 0.3070



30.2942, 0.3126, 0.3724



30.2942, 0.2842, 0.2827

Square

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



30.2942, 0.3126, 0.3724



30.2942, 0.2597, 0.3015



30.2942, 0.3108, 0.2903



30.2942, 0.3687, 0.3527

Rectangle

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



30.2942, 0.3126, 0.3724



30.2942, 0.2720, 0.3347



30.2942, 0.3108, 0.2903



30.2942, 0.3547, 0.3216

Sweetspot

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



30.2955, 0.3126, 0.3724



58.6171, 0.3127, 0.3413



31.7404, 0.3376, 0.3660



12.8506, 0.3127, 0.3430



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.



30.2955, 0.3126, 0.3724



53.9759, 0.3125, 0.3833



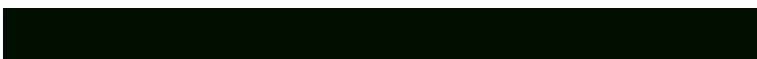
30.4447, 0.3011, 0.3541



7.4239, 0.3127, 0.3520



19.6549, 0.3022, 0.5983



0.3577, 0.3127, 0.5899

Inverse Universe

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



25.2392, 0.3124, 0.2886



43.0298, 0.3123, 0.2794



25.0833, 0.3263, 0.3052



6.7290, 0.3126, 0.3069



6.8808, 0.3023, 0.1439



0.1298, 0.3103, 0.1483

Previews

White Background



This preview shows how the Yxy color 30.2942, 0.3126, 0.3724 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2942, 0.3126, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

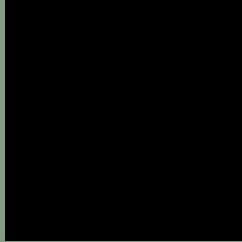
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.2942, 0.3126, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 30.2942, 0.3126, 0.3724.



This preview shows how white text looks on a background with the Yxy color 30.2942, 0.3126, 0.3724.

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

30.2942, 0.3126, 0.3724

Protanopia

30.1693, 0.3438, 0.3650

Deuteranopia

30.1860, 0.3524, 0.3455



Tritanopia

30.0959, 0.2884, 0.3100

Trichromacy



Original Color

30.2942, 0.3126, 0.3724

Protanomaly

30.2847, 0.3324, 0.3691

Deuteranomaly

29.9137, 0.3369, 0.3541

Tritanomaly

30.1677, 0.2970, 0.3322

Monochromacy



Original Color

30.2942, 0.3126, 0.3724

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.3689, 0.3130, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2942, 0.3126, 0.3724 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(132, 156, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 156, 130)  
}
```

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(132, 156, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 156, 130) }
```

Border

The CSS property to change the border of an element to Yxy 30.2942, 0.3126, 0.3724 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(132, 156, 130) }
```

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

```
.border{ border-color:rgb(132, 156, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 156, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 156, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 156, 130);  
box-shadow:4px 4px 4px 4px rgb(132, 156,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2942, 0.3126, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 156, 130) }
```

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

```
.background{ background-color: rgb(132,  
156, 130) }
```

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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