

Converting Colors

$Y_{xy}(14.1332, 0.2926, 0.3477)$

Have a look what the booklet for
Yxy(14.1332, 0.2926, 0.3477)
contains.

Yxy(14.1374, 0.2924, 0.3472)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(14.1374, 0.2924, 0.3472)$

Conversions

Conversions Part 1

Format	Color
Hex	576E66
RGB	87, 110, 102
RGB Percent	34%, 43%, 40%
CMY	0.6588, 0.5686, 0.5999
CMYK	0.21, 0.00, 0.07, 0.57
HSL	159°, 12%, 39%
HSV	159°, 21%, 43%
XYZ	11.9060, 14.1374, 14.6749
YIQ	102.2110, -11.1400, -7.3640

Conversions

Conversions Part 2

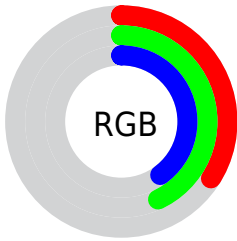
Format	Color
R_{YB}	87, 101, 110
Decimal	5729894
CIE Lab	44.43, -10.29, 1.65
CIE LCh	44, 10.426, 170.913
Yxy	14.1374, 0.2924, 0.3472
Android (android.graphics.Color)	4283919974 (0xFF576E66)
YUV	102.2110, -0.1040, -13.3400
Hunter-Lab	37.5997, -9.2771, 3.1794

Details

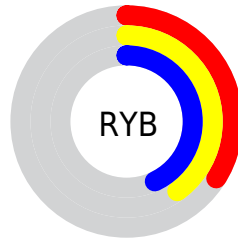
The Yxy color **14.1374, 0.2924, 0.3472** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.9597, 0.3384, 0.3115**, and the grayscale version is **13.3486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.4589, 0.2973, 0.3431**, and **4.1925, 0.2827, 0.3563** is the 20% darker color. If you saturate the color by 10%, you get **13.5741, 0.2834, 0.3572**, and if you desaturate by 10%, it is **14.7861, 0.3019, 0.3380**.

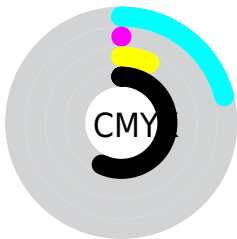
Distribution



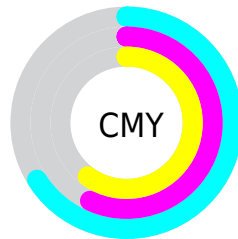
- Red (34%)
- Green (43%)
- Blue (40%)



- Red (34%)
- Yellow (40%)
- Blue (43%)



- Cyan (21%)
- Magenta (0%)
- Yellow (7%)
- Black (57%)



- Cyan (66%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1374, 0.2924, 0.3472 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 14.1374, 0.2924, 0.3472 by changing the saturation by 10% instead.

■ 14.1374, 0.2924,
0.3472

■ 14.1374, 0.2924,
0.3472

■ 218.0839, 0.3046,
0.3362

■ 8.2163, 0.2883,
0.3509

■ 33.3326, 0.2975,
0.3426

■ 4.2337, 0.2822,
0.3565

■ 47.3755, 0.2992,
0.3411

■ 1.8051, 0.2721,
0.3659

■ 64.8945, 0.3005,
0.3399

■ 0.4904, 0.1911,
0.4363

■ 86.2739, 0.3016,
0.3389

■ 0.0000, 0.0000,
0.0000

■ 111.8982, 0.3026,
0.3380

142.1516, 0.3033,

0.3373

177.4188, 0.3040,
0.3368

■ 14.1374, 0.2924,
0.3472

■ 14.1374, 0.2924,
0.3472

■ 13.5741, 0.2834,
0.3572

■ 14.7861, 0.3019,
0.3380

■ 13.0906, 0.2753,
0.3680

■ 15.5219, 0.3118,
0.3297

■ 12.6838, 0.2683,
0.3795

■ 16.3486, 0.3219,
0.3222

■ 12.3491, 0.2626,
0.3916

■ 17.2693, 0.3319,
0.3155

■ 12.0819, 0.2585,
0.4041

■ 18.2869, 0.3418,
0.3096

■ 11.8769, 0.2562,
0.4168

■ 19.4042, 0.3515,
0.3043

■ 11.7278, 0.2556,
0.4295

■ 20.6241, 0.3609,
0.2997

■ 11.6166, 0.2559,
0.4411

■ 21.9489, 0.3699,
0.2956

■ 23.3813, 0.3786,
0.2921

Harmonies

Analogous

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



14.1374, 0.3133, 0.3623



14.1374, 0.2924, 0.3472



14.1374, 0.2773, 0.3271

Triad

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



14.1374, 0.2924, 0.3472



14.1374, 0.2904, 0.2928



14.1374, 0.3558, 0.3474

Complementary

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



14.1374, 0.2924, 0.3472



10.9597, 0.3384, 0.3115

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.



14.1374, 0.3494, 0.3292



14.1374, 0.2924, 0.3472



14.1374, 0.3110, 0.2985

Square

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



14.1374, 0.2924, 0.3472



14.1374, 0.2761, 0.2961



14.1374, 0.3327, 0.3116



14.1374, 0.3502, 0.3616

Rectangle

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



14.1374, 0.2924, 0.3472



14.1374, 0.2722, 0.3141



14.1374, 0.3327, 0.3116



14.1374, 0.3550, 0.3415

Sweetspot

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



14.1380, 0.2924, 0.3472



26.5606, 0.3066, 0.3340



14.2759, 0.3211, 0.3813



6.1678, 0.3062, 0.3343



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



14.1380, 0.2924, 0.3472



24.3393, 0.2880, 0.3519



13.5746, 0.2829, 0.3211



3.7964, 0.3038, 0.3364



13.9500, 0.2562, 0.4422



69.3238, 0.2581, 0.4491

Inverse Universe

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



10.9597, 0.3384, 0.3115



17.7021, 0.3458, 0.3073



11.3936, 0.3501, 0.3367



3.4189, 0.3226, 0.3217



4.1469, 0.5493, 0.2800



20.5086, 0.5632, 0.2876

Previews

White Background



This preview shows how the Yxy color 14.1374, 0.2924, 0.3472 looks on a white 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

Black Background



This preview shows how the Yxy color 14.1374, 0.2924, 0.3472 looks on a black 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

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

Yxy 14.1374, 0.2924, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 14.1374, 0.2924, 0.3472.



This preview shows how white text looks on a background with the Yxy color 14.1374, 0.2924, 0.3472.

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

14.1374, 0.2924, 0.3472

Protanopia

13.9896, 0.3251, 0.3398

Deuteranopia

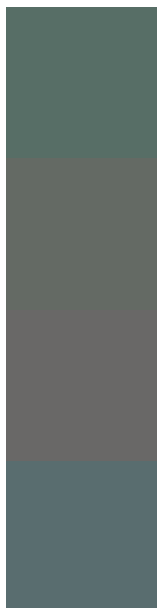
13.9517, 0.3291, 0.3228



Tritanopia

14.1597, 0.2800, 0.3114

Trichromacy



Original Color

14.1374, 0.2924, 0.3472

Protanomaly

13.9375, 0.3121, 0.3422

Deuteranomaly

13.8832, 0.3154, 0.3312

Tritanomaly

14.2088, 0.2845, 0.3245

Monochromacy



Original Color

14.1374, 0.2924, 0.3472

Achromatopsia

13.2868, 0.3127, 0.3290

Achromatomaly

13.6038, 0.3055, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1374, 0.2924, 0.3472 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(87, 110, 102) looks like.

```
.text, #text, p{  
    color:rgb(87, 110, 102)  
}
```

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(87, 110, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 110, 102) }
```

Border

The CSS property to change the border of an element to Yxy 14.1374, 0.2924, 0.3472 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(87, 110, 102) }
```

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

```
.border{ border-color:rgb(87, 110, 102) }
```

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

Here you see how a box with a 4 pixel rgb(87, 110, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 110, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 110, 102);  
box-shadow:4px 4px 4px 4px rgb(87, 110,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1374, 0.2924, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 110, 102) }
```

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

```
.background{ background-color: rgb(87, 110,  
102) }
```

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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