

Converting Colors

$Y_{xy}(14.3793, 0.2945, 0.3476)$

Have a look what the booklet for
Yxy(14.3793, 0.2945, 0.3476)
contains.

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Color

$Y_{xy}(14.4520, 0.2950, 0.3493)$

Conversions

Conversions Part 1

Format	Color
Hex	596F66
RGB	89, 111, 102
RGB Percent	35%, 44%, 40%
CMY	0.6508, 0.5647, 0.6000
CMYK	0.20, 0.00, 0.08, 0.56
HSL	155°, 11%, 39%
HSV	155°, 20%, 44%
XYZ	12.2054, 14.4520, 14.7168
YIQ	103.3960, -10.2230, -7.4630

Conversions

Conversions Part 2

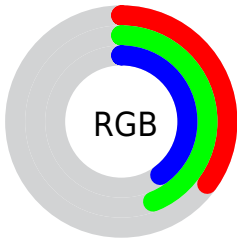
Format	Color
R _{YB}	89, 103, 111
Decimal	5861222
CIE Lab	44.87, -10.13, 2.32
CIE LCh	45, 10.395, 167.125
Yxy	14.4520, 0.2950, 0.3493
Android (android.graphics.Color)	4284051302 (0xFF596F66)
YUV	103.3960, -0.6882, -12.6253
Hunter-Lab	38.0158, -9.2183, 3.6585

Details

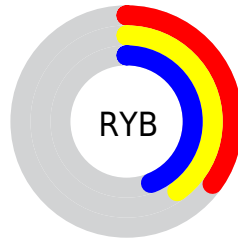
The Yxy color **14.4520, 0.2950, 0.3493** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.4131, 0.3346, 0.3096**, and the grayscale version is **13.6800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9833, 0.2991, 0.3446**, and **4.3444, 0.2867, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **13.8562, 0.2867, 0.3611**, and if you desaturate by 10%, it is **15.1368, 0.3038, 0.3385**.

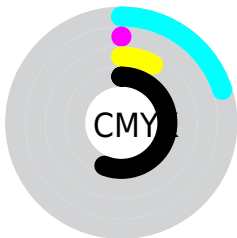
Distribution



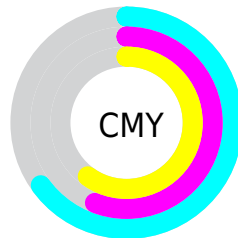
- Red (35%)
- Green (44%)
- Blue (40%)



- Red (35%)
- Yellow (40%)
- Blue (44%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (56%)



- Cyan (65%)
- Magenta (56%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4520, 0.2950, 0.3493 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 14.4520, 0.2950, 0.3493 by changing the saturation by 10% instead.

■ 14.4520, 0.2950,
0.3493

■ 14.4520, 0.2950,
0.3493

■ 220.0249, 0.3056,
0.3371

■ 8.4357, 0.2915,
0.3534

■ 33.8889, 0.2994,
0.3442

■ 4.3750, 0.2862,
0.3596

■ 48.0783, 0.3009,
0.3425

■ 1.8855, 0.2773,
0.3701

■ 65.7609, 0.3021,
0.3411

■ 0.5396, 0.2157,
0.4384

■ 87.3210, 0.3031,
0.3400

■ 0.0000, 0.0000,
0.0000

■ 113.1431, 0.3039,
0.3391

143.6115, 0.3045,

0.3383

179.1106, 0.3051,
0.3376

■ 14.4520, 0.2950,
0.3493

■ 14.4520, 0.2950,
0.3493

■ 13.8562, 0.2867,
0.3611

■ 15.1368, 0.3038,
0.3385

■ 13.3438, 0.2791,
0.3739

■ 15.9122, 0.3129,
0.3288

■ 12.9114, 0.2725,
0.3876

■ 16.7823, 0.3221,
0.3201

■ 12.5545, 0.2671,
0.4020

■ 17.7503, 0.3312,
0.3123

■ 12.2682, 0.2634,
0.4169

■ 18.8190, 0.3402,
0.3054

■ 12.0473, 0.2613,
0.4321

■ 19.9915, 0.3489,
0.2993

■ 11.8854, 0.2611,
0.4472

■ 21.2705, 0.3573,
0.2940

■ 11.7580, 0.2618,
0.4623

■ 22.6587, 0.3654,
0.2893

■ 11.7552, 0.2618,
0.4626

■ 24.1585, 0.3731,
0.2852

Harmonies

Analogous

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



14.4520, 0.3160, 0.3632



14.4520, 0.2950, 0.3493



14.4520, 0.2791, 0.3297

Triad

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



14.4520, 0.2950, 0.3493



14.4520, 0.2884, 0.2931



14.4520, 0.3552, 0.3451

Complementary

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



14.4520, 0.2950, 0.3493



11.4131, 0.3346, 0.3096

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.



14.4520, 0.3474, 0.3269



14.4520, 0.2950, 0.3493



14.4520, 0.3083, 0.2976

Square

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



14.4520, 0.2950, 0.3493



14.4520, 0.2754, 0.2975



14.4520, 0.3300, 0.3098



14.4520, 0.3512, 0.3599

Rectangle

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



14.4520, 0.2950, 0.3493



14.4520, 0.2732, 0.3165



14.4520, 0.3300, 0.3098



14.4520, 0.3539, 0.3392

Sweetspot

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



14.4526, 0.2950, 0.3493



27.5913, 0.3071, 0.3349



14.6965, 0.3227, 0.3780



6.6135, 0.3067, 0.3354



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.4526, 0.2950, 0.3493



25.3433, 0.2909, 0.3549



14.2457, 0.2846, 0.3248



3.7932, 0.3045, 0.3377



13.8487, 0.2622, 0.4638



68.8123, 0.2644, 0.4719

Inverse Universe

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



11.4131, 0.3346, 0.3096



18.7787, 0.3414, 0.3045



11.5610, 0.3484, 0.3331



3.4221, 0.3217, 0.3204



4.2049, 0.5249, 0.2665



20.7836, 0.5383, 0.2739

Previews

White Background



This preview shows how the Yxy color 14.4520, 0.2950, 0.3493 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 14.4520, 0.2950, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

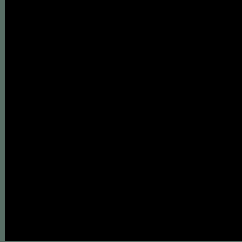
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

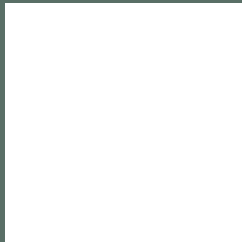
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.4520, 0.2950, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 14.4520, 0.2950, 0.3493.



This preview shows how white text looks on a background with the Yxy color 14.4520, 0.2950, 0.3493.

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

14.4520, 0.2950, 0.3493

Protanopia

14.4601, 0.3261, 0.3439

Deuteranopia

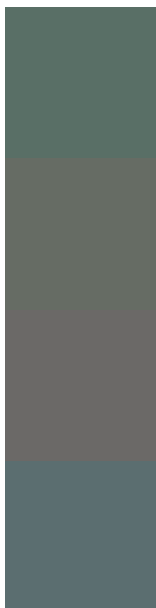
14.2841, 0.3318, 0.3250



Tritanopia

14.4969, 0.2814, 0.3116

Trichromacy



Original Color

14.4520, 0.2950, 0.3493

Protanomaly

14.4700, 0.3146, 0.3464

Deuteranomaly

14.2082, 0.3182, 0.3333

Tritanomaly

14.5459, 0.2859, 0.3245

Monochromacy



Original Color

14.4520, 0.2950, 0.3493

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.8840, 0.3055, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4520, 0.2950, 0.3493 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(89, 111, 102)` looks like.

```
.text, #text, p{  
    color:rgb(89, 111, 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(89, 111, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 111, 102) }
```

Border

The CSS property to change the border of an element to Yxy 14.4520, 0.2950, 0.3493 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(89, 111, 102) }
```

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

```
.border{ border-color:rgb(89, 111, 102) }
```

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

Here you see how a box with a 4 pixel rgb(89, 111, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 111, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 111, 102);  
box-shadow:4px 4px 4px 4px rgb(89, 111,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4520, 0.2950, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 111, 102) }
```

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

```
.background{ background-color: rgb(89, 111,  
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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