

Converting Colors

$Y_{xy}(14.5252, 0.3214, 0.3979)$

Have a look what the booklet for
Yxy(14.5252, 0.3214, 0.3979)
contains.

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Color

Yxy(14.4728, 0.3226, 0.3980)

Conversions

Conversions Part 1

Format	Color
Hex	5C7052
RGB	92, 112, 82
RGB Percent	36%, 44%, 32%
CMY	0.6392, 0.5608, 0.6784
CMYK	0.18, 0.00, 0.27, 0.56
HSL	100°, 15%, 38%
HSV	100°, 27%, 44%
XYZ	11.7310, 14.4728, 10.1601
YIQ	102.6000, -2.2900, -13.5700

Conversions

Conversions Part 2

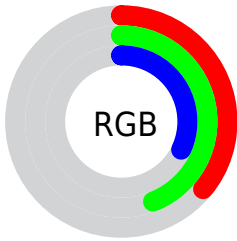
Format	Color
R_{YB}	82, 112, 102
Decimal	6058066
CIE _{Lab}	44.90, -13.57, 14.29
CIE _{LCh}	45, 19.709, 133.518
Yxy	14.4728, 0.3226, 0.3980
Android (android.graphics.Color)	4284248146 (0xFF5C7052)
YUV	102.6000, -10.1558, -9.2962
Hunter-Lab	38.0431, -11.5333, 10.7958

Details

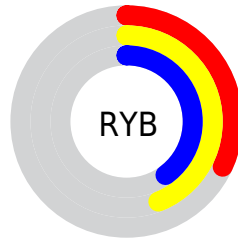
The Yxy color **14.4728, 0.3226, 0.3980** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **10.0320, 0.2997, 0.2632**, and the grayscale version is **13.4806, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.0565, 0.3207, 0.3796**, and **4.3583, 0.3240, 0.4346** is the 20% darker color. If you saturate the color by 10%, you get **13.9506, 0.3256, 0.4274**, and if you desaturate by 10%, it is **15.0620, 0.3191, 0.3704**.

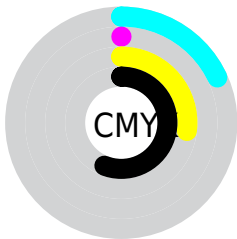
Distribution



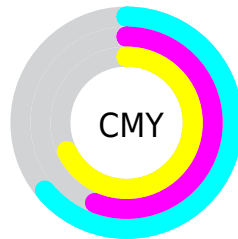
- Red (36%)
- Green (44%)
- Blue (32%)



- Red (32%)
- Yellow (44%)
- Blue (40%)



- Cyan (18%)
- Magenta (0%)
- Yellow (27%)
- Black (56%)





- Cyan (64%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.4728, 0.3226, 0.3980 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 14.4728, 0.3226, 0.3980 by changing the saturation by 10% instead.


 14.4728, 0.3226,
0.3980


 14.4728, 0.3226,
0.3980


220.1526, 0.3174,
0.3557


 8.4502, 0.3238,
0.4126


 33.9256, 0.3207,
0.3801

 4.3844, 0.3251,
0.4349

 48.1247, 0.3200,
0.3742


 1.8908, 0.3263,
0.4739

 65.8180, 0.3194,
0.3695

 0.5428, 0.2538,
0.7462

 87.3900, 0.3188,
0.3657

 0.0000, 0.0000,
0.0000

 113.2251, 0.3184,
0.3626

143.7076, 0.3180,

0.3599

179.2220, 0.3177,
0.3577

■ 14.4728, 0.3226,
0.3980

■ 14.4728, 0.3226,
0.3980

■ 13.9506, 0.3256,
0.4274

■ 15.0620, 0.3191,
0.3704

■ 13.4911, 0.3279,
0.4578

■ 15.7187, 0.3153,
0.3449

■ 13.0924, 0.3292,
0.4880

■ 16.4457, 0.3115,
0.3218

■ 12.7516, 0.3293,
0.5167

■ 17.2451, 0.3076,
0.3011

■ 12.4657, 0.3279,
0.5422

■ 18.1188, 0.3039,
0.2825

■ 12.2313, 0.3250,
0.5630

■ 19.0689, 0.3003,
0.2661

■ 12.0419, 0.3211,
0.5791

■ 20.0970, 0.2970,
0.2515

■ 11.9876, 0.3200,
0.5841

■ 21.2051, 0.2938,
0.2386

■ 22.3948, 0.2908,
0.2272

Harmonies

Analogous

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



14.4728, 0.3611, 0.4006



14.4728, 0.3226, 0.3980



14.4728, 0.2831, 0.3726

Triad

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



14.4728, 0.3226, 0.3980



14.4728, 0.2421, 0.2717



14.4728, 0.3756, 0.3199

Complementary

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



14.4728, 0.3226, 0.3980



10.0320, 0.2997, 0.2632

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.



14.4728, 0.3401, 0.2904



14.4728, 0.3226, 0.3980



14.4728, 0.2634, 0.2630

Square

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



14.4728, 0.3226, 0.3980



14.4728, 0.2383, 0.2966



14.4728, 0.2986, 0.2701



14.4728, 0.3933, 0.3530

Rectangle

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



14.4728, 0.3226, 0.3980



14.4728, 0.2613, 0.3473



14.4728, 0.2986, 0.2701



14.4728, 0.3652, 0.3094

Sweetspot

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



14.4734, 0.3226, 0.3980



27.4401, 0.3159, 0.3484



13.5581, 0.3556, 0.3721



6.5567, 0.3164, 0.3515



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.



14.4734, 0.3226, 0.3980



24.8550, 0.3245, 0.4156



14.0715, 0.3036, 0.3885



3.8122, 0.3162, 0.3504



13.8462, 0.3195, 0.5845



68.5462, 0.3160, 0.5873

Inverse Universe

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



10.0320, 0.2997, 0.2632



15.6830, 0.2959, 0.2473



10.5429, 0.3235, 0.2760



3.4005, 0.3089, 0.3079



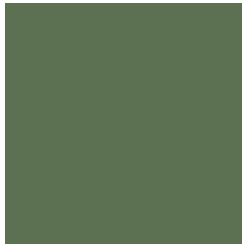
3.0553, 0.2413, 0.1103



14.7345, 0.2370, 0.1079

Previews

White Background



This preview shows how the Yxy color 14.4728, 0.3226, 0.3980 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 14.4728, 0.3226, 0.3980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

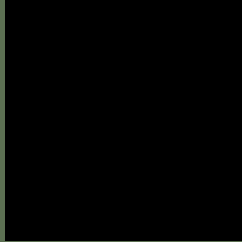
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4728, 0.3226, 0.3980

Background



This preview shows how black text looks on a background with the Yxy color 14.4728, 0.3226, 0.3980.



This preview shows how white text looks on a background with the Yxy color 14.4728, 0.3226, 0.3980.

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

14.4728, 0.3226, 0.3980

Protanopia

14.4500, 0.3608, 0.3861

Deuteranopia

14.4279, 0.3713, 0.3653



Tritanopia

14.5275, 0.2886, 0.3118

Trichromacy



Original Color

14.4728, 0.3226, 0.3980

Protanomaly

14.3685, 0.3465, 0.3903

Deuteranomaly

14.3773, 0.3523, 0.3781

Tritanomaly

14.3697, 0.3002, 0.3400

Monochromacy



Original Color

14.4728, 0.3226, 0.3980

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.7869, 0.3172, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4728, 0.3226, 0.3980 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(92, 112, 82)` looks like.

```
.text, #text, p{  
  color:rgb(92, 112, 82)  
}
```

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(92, 112, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 112, 82) }
```

Border

The CSS property to change the border of an element to Yxy 14.4728, 0.3226, 0.3980 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(92, 112, 82) }
```

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

```
.border{ border-color:rgb(92, 112, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 112, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 112, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 112, 82);  
box-shadow:4px 4px 4px 4px rgb(92, 112,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4728, 0.3226, 0.3980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 112, 82) }
```

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

```
.background{ background-color: rgb(92, 112,  
82) }
```

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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