

Converting Colors

$Y_{xy}(13.9688, 0.3129, 0.4100)$

Have a look what the booklet for
Yxy(13.9688, 0.3129, 0.4100)
contains.

Yxy(13.9467, 0.3128, 0.4083)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(13.9467, 0.3128, 0.4083)

Conversions

Conversions Part 1

Format	Color
Hex	52704F
RGB	82, 112, 79
RGB Percent	32%, 44%, 31%
CMY	0.6785, 0.5608, 0.6902
CMYK	0.27, 0.00, 0.29, 0.56
HSL	115°, 17%, 37%
HSV	115°, 29%, 44%
XYZ	10.6846, 13.9467, 9.5267
YIQ	99.2680, -7.2870, -16.6230

Conversions

Conversions Part 2

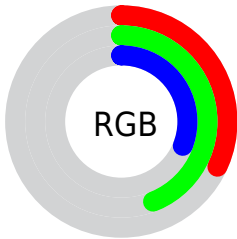
Format	Color
RYB	79, 112, 109
Decimal	5402703
CIELab	44.16, -17.98, 14.93
CIELCh	44, 23.373, 140.302
Yxy	13.9467, 0.3128, 0.4083
Android (android.graphics.Color)	4283592783 (0xFF52704F)
YUV	99.2680, -9.9921, -15.1440
Hunter-Lab	37.3453, -14.2848, 11.0170

Details

The Yxy color **13.9467, 0.3128, 0.4083** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **10.0149, 0.3111, 0.2590**, and the grayscale version is **12.5755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.0150, 0.3136, 0.3880**, and **4.1574, 0.3107, 0.4532** is the 20% darker color. If you saturate the color by 10%, you get **13.3744, 0.3123, 0.4402**, and if you desaturate by 10%, it is **14.6154, 0.3130, 0.3787**.

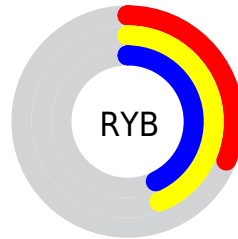
Distribution



Red (32%)

Green (44%)

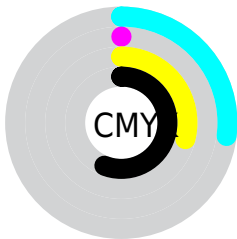
Blue (31%)



Red (31%)

Yellow (44%)

Blue (43%)

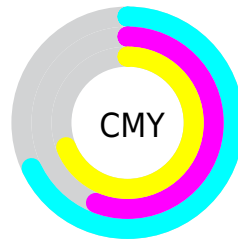


Cyan (27%)

Magenta (0%)

Yellow (29%)

Black (56%)



Cyan (68%)


Magenta (56%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 13.9467, 0.3128, 0.4083 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 13.9467, 0.3128, 0.4083 by changing the saturation by 10% instead.


 13.9467, 0.3128,
0.4083

 13.9467, 0.3128,
0.4083


216.8990, 0.3137,
0.3591


 8.0836, 0.3118,
0.4257


 32.9944, 0.3135,
0.3872


 4.1485, 0.3096,
0.4526

 46.9478, 0.3137,
0.3804


 1.7570, 0.3063,
0.5037

 64.3668, 0.3137,
0.3750

 0.4601, 0.0000,
1.0000

 85.6358, 0.3137,
0.3706

 0.0000, 0.0000,
0.0000

 111.1391, 0.3137,
0.3670

141.2611, 0.3137,

0.3640

176.3863, 0.3137,
0.3614

■ 13.9467, 0.3128,
0.4083

■ 13.9467, 0.3128,
0.4083

■ 13.3744, 0.3123,
0.4402

■ 14.6154, 0.3130,
0.3787

■ 12.8925, 0.3115,
0.4733

■ 15.3830, 0.3129,
0.3518

■ 12.4969, 0.3104,
0.5061

■ 16.2537, 0.3127,
0.3278

■ 12.1824, 0.3088,
0.5366

■ 17.2313, 0.3124,
0.3067

■ 11.9433, 0.3069,
0.5625

■ 18.3192, 0.3120,
0.2882

■ 11.7734, 0.3048,
0.5820

■ 19.5207, 0.3115,
0.2721

■ 11.6596, 0.3035,
0.5965

■ 20.8390, 0.3110,
0.2581

■ 11.6547, 0.3035,
0.5973

■ 22.2771, 0.3105,
0.2460

■ 23.8379, 0.3101,
0.2354

Harmonies

Analogous

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



13.9467, 0.3603, 0.4170



13.9467, 0.3128, 0.4083



13.9467, 0.2674, 0.3720

Triad

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



13.9467, 0.3128, 0.4083



13.9467, 0.2331, 0.2567



13.9467, 0.3955, 0.3262

Complementary

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



13.9467, 0.3128, 0.4083



10.0149, 0.3111, 0.2590

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.



13.9467, 0.3562, 0.2903



13.9467, 0.3128, 0.4083



13.9467, 0.2621, 0.2514

Square

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



13.9467, 0.3128, 0.4083



13.9467, 0.2238, 0.2813



13.9467, 0.3065, 0.2637



13.9467, 0.4104, 0.3651

Rectangle

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



13.9467, 0.3128, 0.4083



13.9467, 0.2442, 0.3395



13.9467, 0.3065, 0.2637



13.9467, 0.3846, 0.3136

Sweetspot

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



13.9473, 0.3128, 0.4083



27.0547, 0.3129, 0.3512



14.8839, 0.3563, 0.3920



6.4596, 0.3129, 0.3542



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.



13.9473, 0.3128, 0.4083



23.8319, 0.3125, 0.4287



14.0280, 0.2939, 0.3762



3.7763, 0.3129, 0.3506



13.4670, 0.3032, 0.5975



66.9108, 0.3016, 0.5987

Inverse Universe

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



10.0149, 0.3111, 0.2590



15.7863, 0.3104, 0.2435



9.9348, 0.3377, 0.2862



3.4389, 0.3124, 0.3082



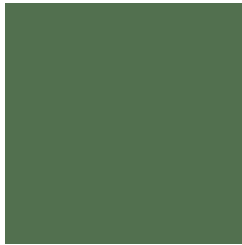
4.6039, 0.2991, 0.1421



22.7392, 0.2978, 0.1414

Previews

White Background



This preview shows how the Yxy color 13.9467, 0.3128, 0.4083 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 13.9467, 0.3128, 0.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

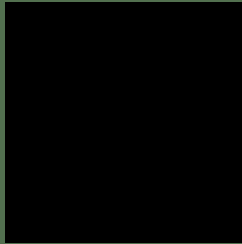
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 13.9467, 0.3128, 0.4083

Background



This preview shows how black text looks on a background with the Yxy color 13.9467, 0.3128, 0.4083.



This preview shows how white text looks on a background with the Yxy color 13.9467, 0.3128, 0.4083.

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

13.9467, 0.3128, 0.4083

Protanopia

13.8534, 0.3644, 0.3913

Deuteranopia

13.8611, 0.3724, 0.3659



Tritanopia

13.8511, 0.2774, 0.3090

Trichromacy



Original Color

13.9467, 0.3128, 0.4083

Protanomaly

13.8039, 0.3447, 0.3989

Deuteranomaly

13.6205, 0.3484, 0.3797

Tritanomaly

13.8950, 0.2899, 0.3427

Monochromacy



Original Color

13.9467, 0.3128, 0.4083

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

13.0005, 0.3128, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.9467, 0.3128, 0.4083 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(82, 112, 79)` looks like.

```
.text, #text, p{  
    color:rgb(82, 112, 79)  
}
```

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(82, 112, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 112, 79) }
```

Border

The CSS property to change the border of an element to Yxy 13.9467, 0.3128, 0.4083 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(82, 112, 79) }
```

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

```
.border{ border-color:rgb(82, 112, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 112, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 112, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 112, 79);  
box-shadow:4px 4px 4px 4px rgb(82, 112,  
79) }
```


Background

The CSS property to change the background color of an element to Yxy 13.9467, 0.3128, 0.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 112, 79) }
```

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

```
.background{ background-color: rgb(82, 112,  
79) }
```

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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