

Converting Colors

$Y_{xy}(17.1213, 0.3100, 0.4002)$

Have a look what the booklet for
Yxy(17.1213, 0.3100, 0.4002)
contains.

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Color

Yxy(17.1454, 0.3094, 0.3993)

Conversions

Conversions Part 1

Format	Color
Hex	5B7B5B
RGB	91, 123, 91
RGB Percent	36%, 48%, 36%
CMY	0.6432, 0.5176, 0.6431
CMYK	0.26, 0.00, 0.26, 0.52
HSL	120°, 15%, 42%
HSV	120°, 26%, 48%
XYZ	13.2852, 17.1454, 12.5080
YIQ	109.7840, -8.8000, -16.7360

Conversions

Conversions Part 2

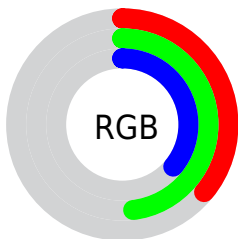
Format	Color
R _Y B	91, 123, 123
Decimal	5995355
CIE Lab	48.44, -18.28, 13.88
CIE LCh	48, 22.959, 142.789
Yxy	17.1454, 0.3094, 0.3993
Android (android.graphics.Color)	4284185435 (0xFF5B7B5B)
YUV	109.7840, -9.2605, -16.4736
Hunter-Lab	41.4070, -15.1915, 11.0749

Details

The Yxy color **17.1454, 0.3094, 0.3993** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **13.1218, 0.3156, 0.2675**, and the grayscale version is **15.5567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7245, 0.3111, 0.3826**, and **5.6225, 0.3061, 0.4344** is the 20% darker color. If you saturate the color by 10%, you get **16.3763, 0.3079, 0.4316**, and if you desaturate by 10%, it is **18.0532, 0.3108, 0.3698**.

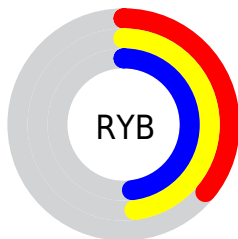
Distribution



Red (36%)

Green (48%)

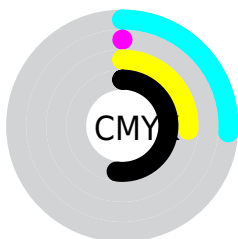
Blue (36%)



Red (36%)

Yellow (48%)

Blue (48%)

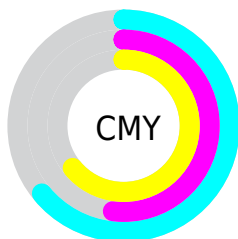


Cyan (26%)

Magenta (0%)

Yellow (26%)

Black (52%)



Cyan (64%)


Magenta (52%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1454, 0.3094, 0.3993 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 17.1454, 0.3094, 0.3993 by changing the saturation by 10% instead.


 17.1454, 0.3094,
0.3993


 17.1454, 0.3094,
0.3993


236.0089, 0.3121,
0.3569


 10.3382, 0.3081,
0.4134


 38.5756, 0.3108,
0.3816


 5.6238, 0.3057,
0.4346

 53.9674, 0.3111,
0.3757


 2.6177, 0.3008,
0.4694

 72.9895, 0.3114,
0.3710

 0.9356, 0.3103,
0.6567

 96.0264, 0.3116,
0.3672

 0.0000, 0.0000,
0.0000

 123.4623, 0.3118,
0.3640

155.6818, 0.3119,

0.3613

193.0692, 0.3120,
0.3590

■ 17.1454, 0.3094,
0.3993

■ 17.1454, 0.3094,
0.3993

■ 16.3763, 0.3079,
0.4316

■ 18.0532, 0.3108,
0.3698

■ 15.7371, 0.3063,
0.4656

■ 19.1037, 0.3120,
0.3434

■ 15.2212, 0.3047,
0.4998

■ 20.3035, 0.3131,
0.3201

■ 14.8207, 0.3032,
0.5321

■ 21.6581, 0.3141,
0.3000

■ 14.5267, 0.3019,
0.5598

■ 23.1728, 0.3149,
0.2825

■ 14.3291, 0.3009,
0.5809

■ 24.8526, 0.3156,
0.2675

■ 14.2093, 0.3002,
0.5948

■ 26.7022, 0.3162,
0.2545

■ 14.1671, 0.3000,
0.6000

■ 28.7263, 0.3168,
0.2434

■ 30.9291, 0.3172,
0.2337

Harmonies

Analogous

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



17.1454, 0.3534, 0.4099



17.1454, 0.3094, 0.3993



17.1454, 0.2682, 0.3648

Triad

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



17.1454, 0.3094, 0.3993



17.1454, 0.2408, 0.2613



17.1454, 0.3907, 0.3298

Complementary

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



17.1454, 0.3094, 0.3993



13.1218, 0.3156, 0.2675

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.



17.1454, 0.3562, 0.2959



17.1454, 0.3094, 0.3993



17.1454, 0.2691, 0.2576

Square

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



17.1454, 0.3094, 0.3993



17.1454, 0.2306, 0.2829



17.1454, 0.3109, 0.2702



17.1454, 0.4023, 0.3656

Rectangle

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



17.1454, 0.3094, 0.3993



17.1454, 0.2476, 0.3351



17.1454, 0.3109, 0.2702



17.1454, 0.3813, 0.3179

Sweetspot

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



17.1461, 0.3094, 0.3993



33.7766, 0.3118, 0.3488



19.1334, 0.3501, 0.3908



7.8951, 0.3116, 0.3522



63.8283, 0.3127, 0.3290



8.3535, 0.3127, 0.3290

Same Dimension

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



17.1461, 0.3094, 0.3993



29.8821, 0.3085, 0.4175



17.4522, 0.2925, 0.3633



4.4500, 0.3117, 0.3510



14.6547, 0.3000, 0.6000



69.9041, 0.3000, 0.6000

Inverse Universe

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



13.1218, 0.3156, 0.2675



21.4366, 0.3163, 0.2540



12.7535, 0.3393, 0.2971



4.0775, 0.3137, 0.3079



5.8341, 0.3210, 0.1542



27.8288, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 17.1454, 0.3094, 0.3993 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 17.1454, 0.3094, 0.3993 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 17.1454, 0.3094, 0.3993

Background



This preview shows how black text looks on a background with the Yxy color 17.1454, 0.3094, 0.3993.



This preview shows how white text looks on a background with the Yxy color 17.1454, 0.3094, 0.3993.

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

17.1454, 0.3094, 0.3993

Protanopia

17.1605, 0.3587, 0.3842

Deuteranopia

16.9466, 0.3661, 0.3593



Tritanopia

17.0568, 0.2769, 0.3086

Trichromacy



Original Color

17.1454, 0.3094, 0.3993

Protanomaly

17.0410, 0.3395, 0.3910

Deuteranomaly

16.9033, 0.3440, 0.3733

Tritanomaly

17.1036, 0.2884, 0.3394

Monochromacy



Original Color

17.1454, 0.3094, 0.3993

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

16.1243, 0.3115, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1454, 0.3094, 0.3993 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(91, 123, 91)` looks like.

```
.text, #text, p{  
    color:rgb(91, 123, 91)  
}
```

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(91, 123, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 123, 91) }
```

Border

The CSS property to change the border of an element to Yxy 17.1454, 0.3094, 0.3993 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(91, 123, 91) }
```

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

```
.border{ border-color:rgb(91, 123, 91) }
```

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

Here you see how a box with a 4 pixel rgb(91, 123, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 123, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 123, 91);  
box-shadow:4px 4px 4px 4px rgb(91, 123,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1454, 0.3094, 0.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 123, 91) }
```

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

```
.background{ background-color: rgb(91, 123,  
91) }
```

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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