

Converting Colors

$Y_{xy}(14.8736, 0.2925, 0.4070)$

Have a look what the booklet for
Yxy(14.8736, 0.2925, 0.4070)
contains.

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Color

Yxy(14.9523, 0.2929, 0.4087)

Conversions

Conversions Part 1

Format	Color
Hex	477655
RGB	71, 118, 85
RGB Percent	28%, 46%, 33%
CMY	0.7216, 0.5372, 0.6666
CMYK	0.40, 0.00, 0.28, 0.54
HSL	138°, 25%, 37%
HSV	138°, 40%, 46%
XYZ	10.7158, 14.9523, 10.9170
YIQ	100.1850, -17.4190, -20.2270

Conversions

Conversions Part 2

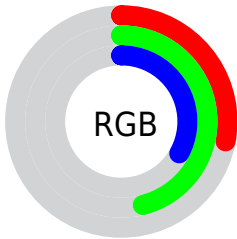
Format	Color
R_{YB}	71, 107, 118
Decimal	4683349
CIE _{Lab}	45.57, -23.84, 13.24
CIE _{LCh}	46, 27.268, 150.951
Yxy	14.9523, 0.2929, 0.4087
Android (android.graphics.Color)	4282873429 (0xFF477655)
YUV	100.1850, -7.4862, -25.5952
Hunter-Lab	38.6682, -18.2033, 10.3287

Details

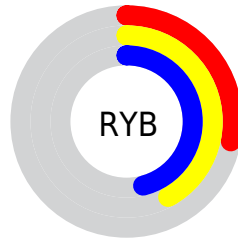
The Yxy color **14.9523, 0.2929, 0.4087** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **9.3550, 0.3411, 0.2611**, and the grayscale version is **12.8158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5637, 0.2980, 0.3867**, and **4.5800, 0.2796, 0.4506** is the 20% darker color. If you saturate the color by 10%, you get **14.4254, 0.2890, 0.4332**, and if you desaturate by 10%, it is **15.5826, 0.2974, 0.3857**.

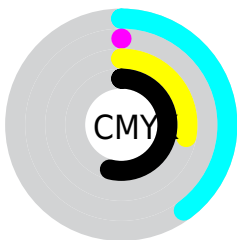
Distribution



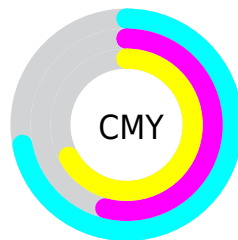
- Red (28%)
- Green (46%)
- Blue (33%)



- Red (28%)
- Yellow (42%)
- Blue (46%)



- Cyan (40%)
- Magenta (0%)
- Yellow (28%)
- Black (54%)





- Cyan (72%)
- Magenta (54%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.9523, 0.2929, 0.4087 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 14.9523, 0.2929, 0.4087 by changing the saturation by 10% instead.


 14.9523, 0.2929,
0.4087


 14.9523, 0.2929,
0.4087


223.0773, 0.3056,
0.3595


 8.7859, 0.2881,
0.4260


 34.7695, 0.2985,
0.3877

 4.6018, 0.2803,
0.4526

 49.1891, 0.3003,
0.3809


 2.0156, 0.2660,
0.4987

 67.1285, 0.3017,
0.3754

 0.6165, 0.0065,
0.9935

 88.9722, 0.3028,
0.3710

 0.0000, 0.0000,
0.0000

 115.1045, 0.3037,
0.3674

145.9099, 0.3044,

0.3643

181.7727, 0.3051,
0.3617

■ 14.9523, 0.2929,
0.4087

■ 14.9523, 0.2929,
0.4087

■ 14.4254, 0.2890,
0.4332

■ 15.5826, 0.2974,
0.3857

■ 13.9943, 0.2861,
0.4588

■ 16.3194, 0.3024,
0.3647

■ 13.6536, 0.2843,
0.4846

■ 17.1682, 0.3076,
0.3457

■ 13.3964, 0.2840,
0.5095


■ 18.1335, 0.3128,
0.3288


■ 13.2150, 0.2852,
0.5326


■ 19.2195, 0.3179,
0.3138

 13.0825, 0.2870,
0.5531

 20.4303, 0.3229,
0.3006

 13.0806, 0.2870,
0.5534

 21.7697, 0.3277,
0.2890

 23.2413, 0.3322,
0.2789

 24.8487, 0.3364,
0.2701

Harmonies

Analogous

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



14.9523, 0.3475, 0.4303



14.9523, 0.2929, 0.4087



14.9523, 0.2461, 0.3585

Triad

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



14.9523, 0.2929, 0.4087



14.9523, 0.2320, 0.2429



14.9523, 0.4170, 0.3406

Complementary

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



14.9523, 0.2929, 0.4087



9.3550, 0.3411, 0.2611

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.



14.9523, 0.3805, 0.2986



14.9523, 0.2929, 0.4087



14.9523, 0.2714, 0.2446

Square

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



14.9523, 0.2929, 0.4087



14.9523, 0.2137, 0.2622



14.9523, 0.3255, 0.2646



14.9523, 0.4218, 0.3835

Rectangle

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



14.9523, 0.2929, 0.4087



14.9523, 0.2251, 0.3206



14.9523, 0.3255, 0.2646



14.9523, 0.4080, 0.3261

Sweetspot

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



14.9529, 0.2929, 0.4087



29.8004, 0.3063, 0.3502



16.3967, 0.3507, 0.4290



6.8185, 0.3058, 0.3519



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.9529, 0.2929, 0.4087



25.4176, 0.2892, 0.4316



15.3757, 0.2698, 0.3524



4.1145, 0.3080, 0.3442



14.1480, 0.2872, 0.5540



68.8108, 0.2897, 0.5631

Inverse Universe

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



9.3550, 0.3411, 0.2611



14.0866, 0.3502, 0.2457



8.9526, 0.3851, 0.3074



3.7402, 0.3178, 0.3142



4.8369, 0.4101, 0.2033



23.4148, 0.4161, 0.2066

Previews

White Background



This preview shows how the Yxy color 14.9523, 0.2929, 0.4087 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 14.9523, 0.2929, 0.4087 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 14.9523, 0.2929, 0.4087

Background



This preview shows how black text looks on a background with the Yxy color 14.9523, 0.2929, 0.4087.



This preview shows how white text looks on a background with the Yxy color 14.9523, 0.2929, 0.4087.

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

14.9523, 0.2929, 0.4087

Protanopia

14.7394, 0.3604, 0.3856

Deuteranopia

14.6902, 0.3649, 0.3592



Tritanopia

14.8777, 0.2626, 0.3091

Trichromacy



Original Color

14.9523, 0.2929, 0.4087

Protanomaly

14.6307, 0.3326, 0.3939

Deuteranomaly

14.4165, 0.3358, 0.3750

Tritanomaly

14.9021, 0.2730, 0.3426

Monochromacy



Original Color

14.9523, 0.2929, 0.4087

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.4655, 0.3033, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.9523, 0.2929, 0.4087 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(71, 118, 85)` looks like.

```
.text, #text, p{  
    color:rgb(71, 118, 85)  
}
```

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(71, 118, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 118, 85) }
```

Border

The CSS property to change the border of an element to Yxy 14.9523, 0.2929, 0.4087 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(71, 118, 85) }
```

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

```
.border{ border-color:rgb(71, 118, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 118, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 118, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 118, 85);  
box-shadow:4px 4px 4px 4px rgb(71, 118,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 14.9523, 0.2929, 0.4087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 118, 85) }
```

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

```
.background{ background-color: rgb(71, 118,  
85) }
```

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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