

Converting Colors

$Y_{xy}(14.2836, 0.3336, 0.3681)$

Have a look what the booklet for
Yxy(14.2836, 0.3336, 0.3681)
contains.

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Color

Yxy(14.2399, 0.3334, 0.3685)

Conversions

Conversions Part 1

Format	Color
Hex	696B59
RGB	105, 107, 89
RGB Percent	41%, 42%, 35%
CMY	0.5884, 0.5803, 0.6510
CMYK	0.02, 0.00, 0.17, 0.58
HSL	67°, 9%, 38%
HSV	67°, 17%, 42%
XYZ	12.8835, 14.2399, 11.5194
YIQ	104.3500, 4.5860, -6.0220

Conversions

Conversions Part 2

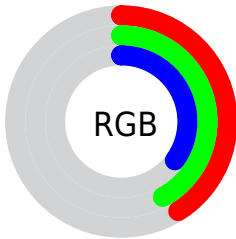
Format	Color
R_{YB}	89, 107, 91
Decimal	6908761
CIE Lab	44.58, -4.26, 9.85
CIE LCh	45, 10.728, 113.371
Yxy	14.2399, 0.3334, 0.3685
Android (android.graphics.Color)	4285098841 (0xFF696B59)
YUV	104.3500, -7.5675, 0.5701
Hunter-Lab	37.7358, -5.0952, 8.3159

Details

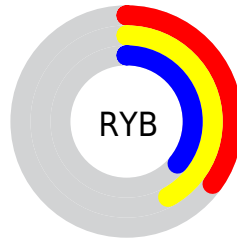
The Yxy color **14.2399, 0.3334, 0.3685** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **10.4319, 0.2901, 0.2870**, and the grayscale version is **13.9609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3857, 0.3282, 0.3581**, and **4.3057, 0.3446, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **14.0006, 0.3458, 0.3928**, and if you desaturate by 10%, it is **14.5076, 0.3210, 0.3447**.

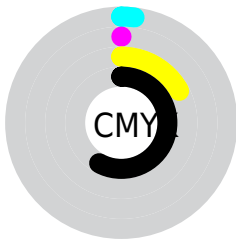
Distribution



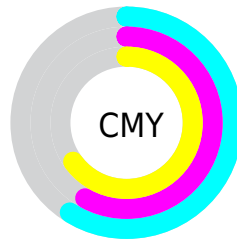
- Red (41%)
- Green (42%)
- Blue (35%)



- Red (35%)
- Yellow (42%)
- Blue (36%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (58%)



- Cyan (59%)
- Magenta (58%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.2399, 0.3334, 0.3685 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 14.2399, 0.3334, 0.3685 by changing the saturation by 10% instead.

■ 14.2399, 0.3334,
0.3685

■ 14.2399, 0.3334,
0.3685

■ 218.7182, 0.3212,
0.3447

■ 8.2877, 0.3373,
0.3765

■ 33.5141, 0.3284,
0.3585

■ 4.2796, 0.3430,
0.3886

■ 47.6049, 0.3267,
0.3552

■ 1.8312, 0.3520,
0.4087

■ 65.1773, 0.3253,
0.3526

■ 0.5065, 0.4271,
0.5729

■ 86.6158, 0.3242,
0.3504

■ 0.0000, 0.0000,
0.0000

■ 112.3048, 0.3233,
0.3486

142.6285, 0.3225,

0.3471

177.9716, 0.3218,
0.3458

■ 14.2399, 0.3334,
0.3685

■ 14.2399, 0.3334,
0.3685

■ 14.0006, 0.3458,
0.3928

■ 14.5076, 0.3210,
0.3447

■ 13.7868, 0.3579,
0.4170

■ 14.8029, 0.3089,
0.3219

■ 13.5978, 0.3692,
0.4404

■ 15.1275, 0.2974,
0.3004

■ 13.4324, 0.3792,
0.4620

■ 15.4823, 0.2865,
0.2804

■ 13.2891, 0.3875,
0.4811

■ 15.8682, 0.2763,
0.2619

■ 13.1663, 0.3938,
0.4968

■ 16.2861, 0.2669,
0.2451

■ 13.0622, 0.3977,
0.5087

■ 16.7368, 0.2583,
0.2297

■ 12.9719, 0.3998,
0.5175

■ 17.2211, 0.2504,
0.2157

■ 12.9439, 0.4005,
0.5202

■ 17.7397, 0.2431,
0.2031

Harmonies

Analogous

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



14.2399, 0.3503, 0.3633



14.2399, 0.3334, 0.3685



14.2399, 0.3114, 0.3623

Triad

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



14.2399, 0.3334, 0.3685



14.2399, 0.2704, 0.3064



14.2399, 0.3349, 0.3125

Complementary

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



14.2399, 0.3334, 0.3685



10.4319, 0.2901, 0.2870

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.



14.2399, 0.3128, 0.2986



14.2399, 0.3334, 0.3685



14.2399, 0.2761, 0.2946

Square

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



14.2399, 0.3334, 0.3685



14.2399, 0.2755, 0.3253



14.2399, 0.2913, 0.2920



14.2399, 0.3513, 0.3308

Rectangle

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



14.2399, 0.3334, 0.3685



14.2399, 0.2969, 0.3523



14.2399, 0.2913, 0.2920



14.2399, 0.3279, 0.3072

Sweetspot

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



14.2405, 0.3334, 0.3685



26.0575, 0.3189, 0.3408



11.2952, 0.3419, 0.3331



6.3005, 0.3196, 0.3420



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



14.2405, 0.3334, 0.3685



25.3276, 0.3380, 0.3775



13.7370, 0.3208, 0.3701



3.5670, 0.3236, 0.3497



15.7350, 0.4003, 0.5204



79.9387, 0.3992, 0.5213

Inverse Universe

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



10.4319, 0.2901, 0.2870



17.2042, 0.2844, 0.2766



10.9040, 0.3034, 0.2886



3.0401, 0.3013, 0.3076



1.3794, 0.1560, 0.0633



6.8241, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 14.2399, 0.3334, 0.3685 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 14.2399, 0.3334, 0.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

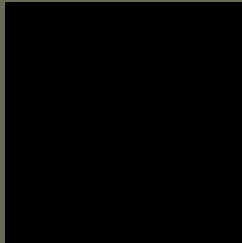
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2399, 0.3334, 0.3685

Background



This preview shows how black text looks on a background with the Yxy color 14.2399, 0.3334, 0.3685.



This preview shows how white text looks on a background with the Yxy color 14.2399, 0.3334, 0.3685.

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

14.2399, 0.3334, 0.3685

Protanopia

14.1872, 0.3444, 0.3654

Deuteranopia

14.1105, 0.3584, 0.3516



Tritanopia

14.2586, 0.3079, 0.3123

Trichromacy



Original Color

14.2399, 0.3334, 0.3685

Protanomaly

14.2639, 0.3410, 0.3679

Deuteranomaly

14.0835, 0.3484, 0.3564

Tritanomaly

14.2284, 0.3168, 0.3311

Monochromacy



Original Color

14.2399, 0.3334, 0.3685

Achromatopsia

13.8432, 0.3127, 0.3290

Achromatomaly

13.9471, 0.3192, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2399, 0.3334, 0.3685 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(105, 107, 89)` looks like.

```
.text, #text, p{  
    color:rgb(105, 107, 89)  
}
```

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(105, 107, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 107, 89) }
```

Border

The CSS property to change the border of an element to Yxy 14.2399, 0.3334, 0.3685 is called "border". The border property can be set on classes, ids or directly on the HTML element.

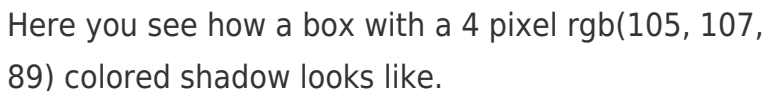
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(105, 107, 89) }
```

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

```
.border{ border-color:rgb(105, 107, 89) }
```

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



Here you see how a box with a 4 pixel `rgb(105, 107, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 107, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 107, 89);  
box-shadow:4px 4px 4px 4px rgb(105, 107,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2399, 0.3334, 0.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 107, 89) }
```

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

```
.background{ background-color: rgb(105,  
107, 89) }
```

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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