

Converting Colors

$Y_{xy}(14.2214, 0.3113, 0.3664)$

Have a look what the booklet for
Yxy(14.2214, 0.3113, 0.3664)
contains.

Yxy(14.2693, 0.3109, 0.3677)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(14.2693, 0.3109, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	5D6E5D
RGB	93, 110, 93
RGB Percent	36%, 43%, 36%
CMY	0.6353, 0.5686, 0.6353
CMYK	0.15, 0.00, 0.15, 0.57
HSL	120°, 8%, 40%
HSV	120°, 15%, 43%
XYZ	12.0651, 14.2693, 12.4725
YIQ	102.9790, -4.6750, -8.8910

Conversions

Conversions Part 2

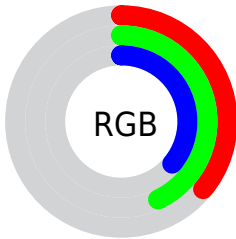
Format	Color
R_{YB}	93, 110, 110
Decimal	6123101
CIE Lab	44.62, -9.99, 7.38
CIE LCh	45, 12.423, 143.556
Yxy	14.2693, 0.3109, 0.3677
Android (android.graphics.Color)	4284313181 (0xFF5D6E5D)
YUV	102.9790, -4.9196, -8.7516
Hunter-Lab	37.7747, -9.0937, 6.8658

Details

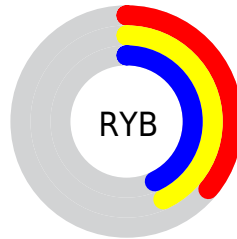
The Yxy color **14.2693, 0.3109, 0.3677** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.2687, 0.3144, 0.2931**, and the grayscale version is **13.5717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.6635, 0.3113, 0.3588**, and **4.2548, 0.3100, 0.3870** is the 20% darker color. If you saturate the color by 10%, you get **13.5555, 0.3095, 0.3967**, and if you desaturate by 10%, it is **15.0949, 0.3121, 0.3418**.

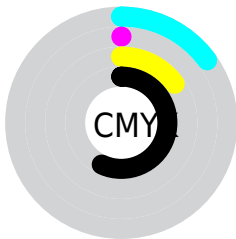
Distribution



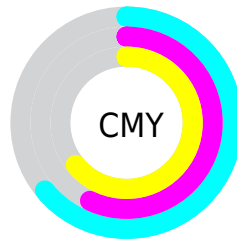
- Red (36%)
- Green (43%)
- Blue (36%)



- Red (36%)
- Yellow (43%)
- Blue (43%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (57%)





- Cyan (64%)
- Magenta (57%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2693, 0.3109, 0.3677 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 14.2693, 0.3109, 0.3677 by changing the saturation by 10% instead.


 14.2693, 0.3109,
0.3677


 14.2693, 0.3109,
0.3677


218.8998, 0.3122,
0.3441


 8.3082, 0.3103,
0.3758


 33.5661, 0.3115,
0.3578


 4.2928, 0.3093,
0.3881

 47.6706, 0.3117,
0.3545

 1.8387, 0.3071,
0.4092

 65.2584, 0.3118,
0.3519

 0.5111, 0.3048,
0.6441

 86.7138, 0.3120,
0.3497

 0.0000, 0.0000,
0.0000

112.4212, 0.3120,
0.3480

142.7651, 0.3121,

0.3465

178.1298, 0.3122,
0.3452

■ 14.2693, 0.3109,
0.3677

■ 14.2693, 0.3109,
0.3677

■ 13.5555, 0.3095,
0.3967

■ 15.0949, 0.3121,
0.3418

■ 12.9471, 0.3081,
0.4283

■ 16.0350, 0.3132,
0.3191

■ 12.4395, 0.3065,
0.4618

■ 17.0943, 0.3141,
0.2992

■ 12.0273, 0.3049,
0.4958

■ 18.2768, 0.3149,
0.2820

■ 11.7047, 0.3034,
0.5280

■ 19.5864, 0.3156,
0.2672

■ 11.4649, 0.3021,
0.5562

■ 21.0265, 0.3162,
0.2544

■ 11.3004, 0.3010,
0.5782

■ 22.6007, 0.3167,
0.2434

■ 11.1960, 0.3003,
0.5934

■ 24.3123, 0.3172,
0.2339

■ 11.1529, 0.3000,
0.6000

■ 26.1646, 0.3176,
0.2256

Harmonies

Analogous

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



14.2693, 0.3364, 0.3749



14.2693, 0.3109, 0.3677



14.2693, 0.2866, 0.3487

Triad

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



14.2693, 0.3109, 0.3677



14.2693, 0.2705, 0.2892



14.2693, 0.3576, 0.3310

Complementary

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



14.2693, 0.3109, 0.3677



12.2687, 0.3144, 0.2931

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.



14.2693, 0.3385, 0.3101



14.2693, 0.3109, 0.3677



14.2693, 0.2881, 0.2865

Square

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



14.2693, 0.3109, 0.3677



14.2693, 0.2640, 0.3026



14.2693, 0.3129, 0.2941



14.2693, 0.3640, 0.3523

Rectangle

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



14.2693, 0.3109, 0.3677



14.2693, 0.2742, 0.3325



14.2693, 0.3129, 0.2941



14.2693, 0.3524, 0.3238

Sweetspot

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



14.2699, 0.3109, 0.3677



26.5587, 0.3122, 0.3410



15.2584, 0.3345, 0.3650



6.1616, 0.3121, 0.3423



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.



14.2699, 0.3109, 0.3677



24.5285, 0.3104, 0.3790



14.4291, 0.3006, 0.3480



3.7632, 0.3117, 0.3507



13.3969, 0.3000, 0.6000



66.7358, 0.3000, 0.6000

Inverse Universe

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



12.2687, 0.3144, 0.2931



20.2133, 0.3148, 0.2836



12.0922, 0.3268, 0.3107



3.4535, 0.3137, 0.3083



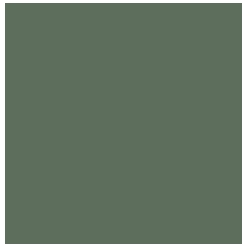
5.3347, 0.3209, 0.1542



26.5746, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 14.2693, 0.3109, 0.3677 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 14.2693, 0.3109, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

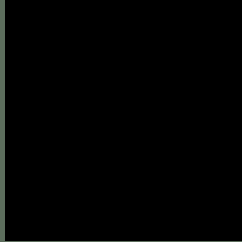
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2693, 0.3109, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 14.2693, 0.3109, 0.3677.



This preview shows how white text looks on a background with the Yxy color 14.2693, 0.3109, 0.3677.

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

14.2693, 0.3109, 0.3677

Protanopia

14.2208, 0.3416, 0.3611

Deuteranopia

14.2509, 0.3476, 0.3435



Tritanopia

14.2946, 0.2896, 0.3117

Trichromacy



Original Color

14.2693, 0.3109, 0.3677

Protanomaly

14.2138, 0.3293, 0.3642

Deuteranomaly

14.2263, 0.3346, 0.3525

Tritanomaly

14.2735, 0.2979, 0.3312

Monochromacy



Original Color

14.2693, 0.3109, 0.3677

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.8616, 0.3120, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2693, 0.3109, 0.3677 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(93, 110, 93) looks like.

```
.text, #text, p{  
  color:rgb(93, 110, 93)  
}
```

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(93, 110, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 110, 93) }
```

Border

The CSS property to change the border of an element to Yxy 14.2693, 0.3109, 0.3677 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(93, 110, 93) }
```

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

```
.border{ border-color:rgb(93, 110, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 110, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 110, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 110, 93);  
box-shadow:4px 4px 4px 4px rgb(93, 110,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2693, 0.3109, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 110, 93) }
```

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

```
.background{ background-color: rgb(93, 110,  
93) }
```

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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