

Converting Colors

$Y_{xy}(14.3486, 0.2291, 0.3338)$

Have a look what the booklet for
Yxy(14.3486, 0.2291, 0.3338)
contains.

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Color

Yxy(14.3194, 0.2290, 0.3337)

Conversions

Conversions Part 1

Format	Color
Hex	0F7674
RGB	15, 118, 116
RGB Percent	6%, 46%, 45%
CMY	0.9413, 0.5372, 0.5451
CMYK	0.87, 0.00, 0.02, 0.54
HSL	179°, 77%, 26%
HSV	179°, 87%, 46%
XYZ	9.8266, 14.3194, 18.7650
YIQ	86.9750, -60.7460, -22.4580

Conversions

Conversions Part 2

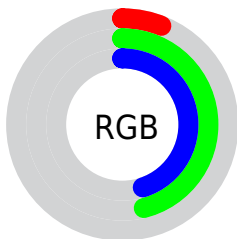
Format	Color
R_{YB}	15, 67, 118
Decimal	1013364
CIE _{Lab}	44.69, -26.91, -6.67
CIE _{LCh}	45, 27.727, 193.910
Yxy	14.3194, 0.2290, 0.3337
Android (android.graphics.Color)	4279203444 (0xFF0F7674)
YUV	86.9750, 14.3093, -63.1221
Hunter-Lab	37.8410, -19.8685, -2.9127

Details

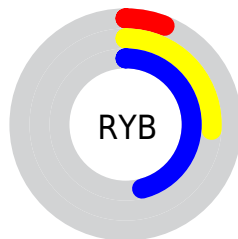
The Yxy color **14.3194, 0.2290, 0.3337** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4.2328, 0.5996, 0.3278**, and the grayscale version is **9.5013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.7920, 0.2489, 0.3338**, and **4.6736, 0.2257, 0.3327** is the 20% darker color. If you saturate the color by 10%, you get **14.2337, 0.2268, 0.3343**, and if you desaturate by 10%, it is **14.4539, 0.2325, 0.3331**.

Distribution



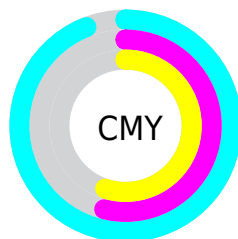
- Red (6%)
- Green (46%)
- Blue (45%)



- Red (6%)
- Yellow (26%)
- Blue (46%)



- Cyan (87%)
- Magenta (0%)
- Yellow (2%)
- Black (54%)





- Cyan (94%)
- Magenta (54%)
- Yellow (55%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 14.3194, 0.2290, 0.3337 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 14.3194, 0.2290, 0.3337 by changing the saturation by 10% instead.


 14.3194, 0.2290,
0.3337


 14.3194, 0.2290,
0.3337


 219.2089, 0.2779,
0.3320

 8.3431, 0.2137,
0.3335


 33.6547, 0.2489,
0.3334


 4.3153, 0.1918,
0.3326

 47.7825, 0.2557,
0.3332


 1.8515, 0.1583,
0.3295

 65.3963, 0.2612,
0.3329

 0.5189, 0.0000,
0.3345

 86.8805, 0.2657,
0.3327

 0.0000, 0.0000,
0.0000

 112.6195, 0.2695,
0.3325

 142.9976, 0.2727,

0.3323

178.3992, 0.2755,
0.3322

■ 14.3194, 0.2290,
0.3337

■ 14.3194, 0.2290,
0.3337

■ 14.2337, 0.2268,
0.3343

■ 14.4539, 0.2325,
0.3331

■ 14.2119, 0.2262,
0.3345

■ 14.6523, 0.2378,
0.3325

■ 14.9222, 0.2448,
0.3319

■ 15.2697, 0.2535,
0.3313

■ 15.7001, 0.2638,
0.3308

■ 16.2184, 0.2755,
0.3303

■ 16.8292, 0.2883,
0.3298

■ 17.5365, 0.3022,
0.3293

■ 18.3445, 0.3166,
0.3289

Harmonies

Analogous

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



14.3194, 0.2696, 0.3914



14.3194, 0.2290, 0.3337



14.3194, 0.2107, 0.2813

Triad

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



14.3194, 0.2290, 0.3337



14.3194, 0.2929, 0.2491



14.3194, 0.4167, 0.4020

Complementary

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



14.3194, 0.2290, 0.3337



4.2328, 0.5996, 0.3278

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.



14.3194, 0.4268, 0.3601



14.3194, 0.2290, 0.3337



14.3194, 0.3514, 0.2764

Square

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



14.3194, 0.2290, 0.3337



14.3194, 0.2447, 0.2387



14.3194, 0.4024, 0.3156



14.3194, 0.3782, 0.4299

Rectangle

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



14.3194, 0.2290, 0.3337



14.3194, 0.2118, 0.2571



14.3194, 0.4024, 0.3156



14.3194, 0.4238, 0.3889

Sweetspot

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



14.3199, 0.2290, 0.3337



28.5820, 0.2763, 0.3302



13.1249, 0.3022, 0.5815



6.5114, 0.2730, 0.3304



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.



14.3199, 0.2290, 0.3337



24.9846, 0.2263, 0.3346



5.7794, 0.1923, 0.1966



4.1541, 0.2997, 0.3294



15.3737, 0.2263, 0.3345



74.9021, 0.2263, 0.3348

Inverse Universe

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



4.2328, 0.5996, 0.3278



6.7789, 0.6375, 0.3285



7.4466, 0.5136, 0.4096



3.7019, 0.3273, 0.3286



4.1721, 0.6367, 0.3281



20.3162, 0.6387, 0.3292

Previews

White Background



This preview shows how the Yxy color 14.3194, 0.2290, 0.3337 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 14.3194, 0.2290, 0.3337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

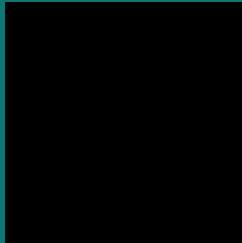
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3194, 0.2290, 0.3337

Background



This preview shows how black text looks on a background with the Yxy color 14.3194, 0.2290, 0.3337.



This preview shows how white text looks on a background with the Yxy color 14.3194, 0.2290, 0.3337.

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

14.3194, 0.2290, 0.3337

Protanopia

14.2500, 0.3102, 0.3226

Deuteranopia

14.2836, 0.3005, 0.2962



Tritanopia

14.2302, 0.2244, 0.3052

Trichromacy



Original Color

14.3194, 0.2290, 0.3337

Protanomaly

13.7160, 0.2665, 0.3265

Deuteranomaly

13.5290, 0.2609, 0.3060

Tritanomaly

14.3099, 0.2264, 0.3168

Monochromacy



Original Color

14.3194, 0.2290, 0.3337

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

10.6093, 0.2634, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3194, 0.2290, 0.3337 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(15, 118, 116)` looks like.

```
.text, #text, p{  
    color:rgb(15, 118, 116)  
}
```

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(15, 118, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 118, 116) }
```

Border

The CSS property to change the border of an element to Yxy 14.3194, 0.2290, 0.3337 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(15, 118, 116) }
```

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

```
.border{ border-color:rgb(15, 118, 116) }
```

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

Here you see how a box with a 4 pixel rgb(15, 118, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 118, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 118, 116);  
box-shadow:4px 4px 4px 4px rgb(15, 118,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3194, 0.2290, 0.3337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 118, 116) }
```

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

```
.background{ background-color: rgb(15, 118,  
116) }
```

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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