

Converting Colors

$Y_{xy}(14.4484, 0.2617, 0.3325)$

Have a look what the booklet for
Yxy(14.4484, 0.2617, 0.3325)
contains.

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Color

$Y_{xy}(14.4334, 0.2617, 0.3335)$

Conversions

Conversions Part 1

Format	Color
Hex	447270
RGB	68, 114, 112
RGB Percent	27%, 45%, 44%
CMY	0.7333, 0.5529, 0.5608
CMYK	0.40, 0.00, 0.02, 0.55
HSL	177°, 25%, 36%
HSV	177°, 40%, 45%
XYZ	11.3260, 14.4334, 17.5192
YIQ	100.0180, -26.7740, -10.3740

Conversions

Conversions Part 2

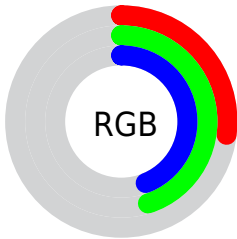
Format	Color
R_{YB}	68, 92, 114
Decimal	4485744
CIE _{Lab}	44.85, -16.23, -3.87
CIE _{LCh}	45, 16.686, 193.408
Yxy	14.4334, 0.2617, 0.3335
Android (android.graphics.Color)	4282675824 (0xFF447270)
YUV	100.0180, 5.9071, -28.0798
Hunter-Lab	37.9913, -13.2702, -0.7468

Details

The Yxy color **14.4334, 0.2617, 0.3335** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.1543, 0.4029, 0.3248**, and the grayscale version is **12.7390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8747, 0.2739, 0.3321**, and **4.3858, 0.2384, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **14.0522, 0.2521, 0.3348**, and if you desaturate by 10%, it is **14.8956, 0.2728, 0.3323**.

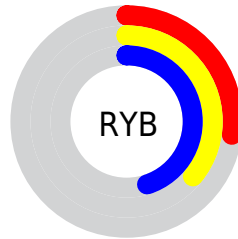
Distribution



Red (27%)

Green (45%)

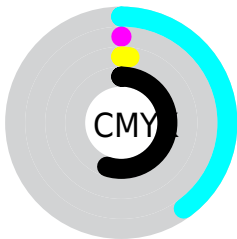
Blue (44%)



Red (27%)

Yellow (36%)

Blue (45%)

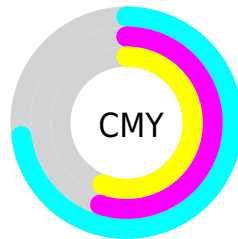


Cyan (40%)

Magenta (0%)

Yellow (2%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4334, 0.2617, 0.3335 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 14.4334, 0.2617, 0.3335 by changing the saturation by 10% instead.


 14.4334, 0.2617,
0.3335


 14.4334, 0.2617,
0.3335


219.9106, 0.2918,
0.3312


 8.4227, 0.2520,
0.3340


 33.8561, 0.2741,
0.3327


 4.3666, 0.2379,
0.3345

 48.0369, 0.2782,
0.3324


 1.8807, 0.2153,
0.3347

 65.7098, 0.2816,
0.3321

 0.5367, 0.0757,
0.3565

 87.2593, 0.2844,
0.3319

 0.0000, 0.0000,
0.0000

 113.0697, 0.2867,
0.3317

143.5255, 0.2887,

0.3315

179.0110, 0.2903,
0.3313

■ 14.4334, 0.2617,
0.3335

■ 14.4334, 0.2617,
0.3335

■ 14.0522, 0.2521,
0.3348

■ 14.8956, 0.2728,
0.3323

■ 13.7455, 0.2440,
0.3361

■ 15.4413, 0.2850,
0.3311

■ 13.5088, 0.2377,
0.3375

■ 16.0750, 0.2983,
0.3300

■ 13.3365, 0.2331,
0.3388

■ 16.8004, 0.3122,
0.3290

■ 13.2217, 0.2301,
0.3402

■ 17.6211, 0.3266,
0.3281

■ 13.1402, 0.2282,
0.3415

■ 18.5403, 0.3413,
0.3273

■ 19.5612, 0.3559,
0.3266

■ 20.6869, 0.3704,
0.3260

■ 21.9202, 0.3846,
0.3254

Harmonies

Analogous

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



14.4334, 0.2878, 0.3657



14.4334, 0.2617, 0.3335



14.4334, 0.2491, 0.3020

Triad

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



14.4334, 0.2617, 0.3335



14.4334, 0.3008, 0.2784



14.4334, 0.3763, 0.3751

Complementary

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



14.4334, 0.2617, 0.3335



8.1543, 0.4029, 0.3248

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.



14.4334, 0.3809, 0.3499



14.4334, 0.2617, 0.3335



14.4334, 0.3359, 0.2959

Square

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



14.4334, 0.2617, 0.3335



14.4334, 0.2706, 0.2725



14.4334, 0.3658, 0.3215



14.4334, 0.3542, 0.3896

Rectangle

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



14.4334, 0.2617, 0.3335



14.4334, 0.2494, 0.2862



14.4334, 0.3658, 0.3215



14.4334, 0.3800, 0.3675

Sweetspot

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



14.4340, 0.2617, 0.3335



28.0170, 0.2956, 0.3302



13.7657, 0.3100, 0.4441



6.4551, 0.2944, 0.3303



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



14.4340, 0.2617, 0.3335



24.7611, 0.2531, 0.3346



10.3258, 0.2523, 0.2783



3.8128, 0.3001, 0.3299



14.6265, 0.2282, 0.3416



72.8274, 0.2284, 0.3423

Inverse Universe

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



8.1543, 0.4029, 0.3248



12.1605, 0.4341, 0.3241



11.0902, 0.3892, 0.3744



3.4036, 0.3268, 0.3281



3.9938, 0.6325, 0.3258



19.8614, 0.6369, 0.3282

Previews

White Background



This preview shows how the Yxy color 14.4334, 0.2617, 0.3335 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 14.4334, 0.2617, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

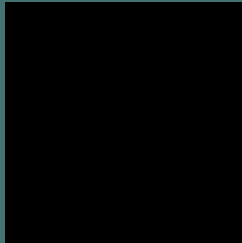
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4334, 0.2617, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 14.4334, 0.2617, 0.3335.



This preview shows how white text looks on a background with the Yxy color 14.4334, 0.2617, 0.3335.

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

14.4334, 0.2617, 0.3335

Protanopia

14.2905, 0.3129, 0.3248

Deuteranopia

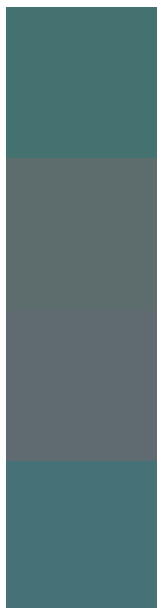
14.3601, 0.3110, 0.3065



Tritanopia

14.5550, 0.2548, 0.3086

Trichromacy



Original Color

14.4334, 0.2617, 0.3335

Protanomaly

14.1564, 0.2917, 0.3267

Deuteranomaly

14.1944, 0.2907, 0.3159

Tritanomaly

14.4204, 0.2576, 0.3174

Monochromacy



Original Color

14.4334, 0.2617, 0.3335

Achromatopsia

12.7438, 0.3127, 0.3290

Achromatomaly

13.1773, 0.2910, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4334, 0.2617, 0.3335 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(68, 114, 112) looks like.

```
.text, #text, p{  
    color:rgb(68, 114, 112)  
}
```

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(68, 114, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 114, 112) }
```

Border

The CSS property to change the border of an element to Yxy 14.4334, 0.2617, 0.3335 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(68, 114, 112) }
```

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

```
.border{ border-color:rgb(68, 114, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 114, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(68, 114, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(68, 114, 112); box-shadow:4px 4px 4px 4px rgb(68, 114, 112) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4334, 0.2617, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 114, 112) }
```

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

```
.background{ background-color: rgb(68, 114,  
112) }
```

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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