

Converting Colors

$Y_{xy}(14.0828, 0.2675, 0.3656)$

Have a look what the booklet for
Yxy(14.0828, 0.2675, 0.3656)
contains.

Yxy(14.1737, 0.2671, 0.3655)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(14.1737, 0.2671, 0.3655)$

Conversions

Conversions Part 1

Format	Color
Hex	3D7364
RGB	61, 115, 100
RGB Percent	24%, 45%, 39%
CMY	0.7606, 0.5490, 0.6078
CMYK	0.47, 0.00, 0.13, 0.55
HSL	163°, 31%, 35%
HSV	163°, 47%, 45%
XYZ	10.3579, 14.1737, 14.2474
YIQ	97.1440, -27.3690, -16.1130

Conversions

Conversions Part 2

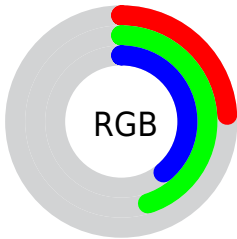
Format	Color
R_{YB}	61, 92, 115
Decimal	4027236
CIE _{Lab}	44.48, -21.87, 2.74
CIE _{LCh}	44, 22.040, 172.855
Yxy	14.1737, 0.2671, 0.3655
Android (android.graphics.Color)	4282217316 (0xFF3D7364)
YUV	97.1440, 1.4080, -31.6983
Hunter-Lab	37.6480, -16.7744, 3.9161

Details

The Yxy color **14.1737, 0.2671, 0.3655** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.5098, 0.3968, 0.2966**, and the grayscale version is **11.9960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3165, 0.2783, 0.3554**, and **4.1922, 0.2447, 0.3848** is the 20% darker color. If you saturate the color by 10%, you get **13.7866, 0.2603, 0.3749**, and if you desaturate by 10%, it is **14.6426, 0.2753, 0.3566**.

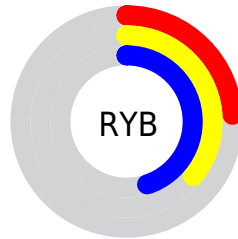
Distribution



 Red (24%)

 Green (45%)

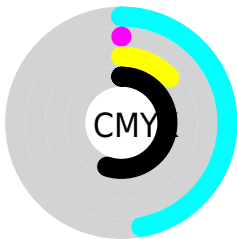
 Blue (39%)




 Red (24%)

 Yellow (36%)

 Blue (45%)

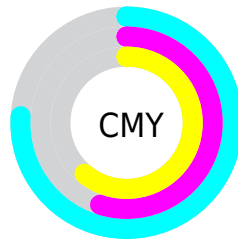


 Cyan (47%)


 Magenta (0%)

 Yellow (13%)

 Black (55%)



 Cyan (76%)

 Magenta (55%)

 Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1737, 0.2671, 0.3655 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 14.1737, 0.2671, 0.3655 by changing the saturation by 10% instead.

■ 14.1737, 0.2671,
0.3655

■ 14.1737, 0.2671,
0.3655

■ 218.3088, 0.2945,
0.3434

■ 8.2416, 0.2580,
0.3730

■ 33.3969, 0.2785,
0.3562

■ 4.2499, 0.2445,
0.3844

■ 47.4568, 0.2823,
0.3531

■ 1.8143, 0.2222,
0.4036

■ 64.9947, 0.2853,
0.3507

■ 0.4961, 0.0000,
0.5874

■ 86.3951, 0.2878,
0.3487

■ 0.0000, 0.0000,
0.0000

■ 112.0423, 0.2899,
0.3470

■ 142.3207, 0.2917,

0.3456

177.6147, 0.2932,
0.3444

■ 14.1737, 0.2671,
0.3655

■ 14.1737, 0.2671,
0.3655

■ 13.7866, 0.2603,
0.3749

■ 14.6426, 0.2753,
0.3566

■ 13.4746, 0.2550,
0.3846

■ 15.1963, 0.2845,
0.3483

■ 13.2326, 0.2514,
0.3945

■ 15.8397, 0.2945,
0.3406

■ 13.0541, 0.2497,
0.4045

■ 16.5767, 0.3052,
0.3335

■ 12.9238, 0.2494,
0.4145

■ 17.4110, 0.3161,
0.3271

■ 12.8855, 0.2494,
0.4177

■ 18.3462, 0.3272,
0.3213

■ 19.3856, 0.3383,
0.3162

■ 20.5325, 0.3493,
0.3116

■ 21.7899, 0.3600,
0.3076

Harmonies

Analogous

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



14.1737, 0.3091, 0.4010



14.1737, 0.2671, 0.3655



14.1737, 0.2385, 0.3200

Triad

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



14.1737, 0.2671, 0.3655



14.1737, 0.2682, 0.2561



14.1737, 0.4043, 0.3664

Complementary

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



14.1737, 0.2671, 0.3655



7.5098, 0.3968, 0.2966

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.



14.1737, 0.3925, 0.3298



14.1737, 0.2671, 0.3655



14.1737, 0.3110, 0.2690

Square

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



14.1737, 0.2671, 0.3655



14.1737, 0.2393, 0.2599



14.1737, 0.3573, 0.2952



14.1737, 0.3895, 0.3971

Rectangle

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



14.1737, 0.2671, 0.3655



14.1737, 0.2298, 0.2929



14.1737, 0.3573, 0.2952



14.1737, 0.4034, 0.3544

Sweetspot

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



14.1743, 0.2671, 0.3655



28.6860, 0.2972, 0.3387



14.1481, 0.3245, 0.4600



6.7907, 0.2954, 0.3400



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.



14.1743, 0.2671, 0.3655



24.6550, 0.2599, 0.3754



11.9931, 0.2481, 0.3005



4.1387, 0.3028, 0.3350



14.7285, 0.2495, 0.4183



71.6229, 0.2510, 0.4236

Inverse Universe

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



7.5098, 0.3968, 0.2966



11.1780, 0.4272, 0.2903



8.7128, 0.4186, 0.3548



3.7161, 0.3236, 0.3231



4.2824, 0.5752, 0.2942



20.7407, 0.5884, 0.3015

Previews

White Background



This preview shows how the Yxy color 14.1737, 0.2671, 0.3655 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 14.1737, 0.2671, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

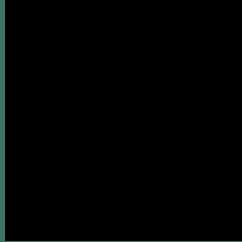
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1737, 0.2671, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 14.1737, 0.2671, 0.3655.



This preview shows how white text looks on a background with the Yxy color 14.1737, 0.2671, 0.3655.

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

14.1737, 0.2671, 0.3655

Protanopia

13.9600, 0.3334, 0.3506

Deuteranopia

13.9315, 0.3305, 0.3249



Tritanopia

14.1621, 0.2517, 0.3083

Trichromacy



Original Color

14.1737, 0.2671, 0.3655

Protanomaly

13.8450, 0.3060, 0.3564

Deuteranomaly

13.7003, 0.3027, 0.3379

Tritanomaly

14.1263, 0.2576, 0.3288

Monochromacy



Original Color

14.1737, 0.2671, 0.3655

Achromatopsia

11.9538, 0.3127, 0.3290

Achromatomaly

12.6673, 0.2929, 0.3432

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1737, 0.2671, 0.3655 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(61, 115, 100)` looks like.

```
.text, #text, p{  
    color:rgb(61, 115, 100)  
}
```

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(61, 115, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 115, 100) }
```

Border

The CSS property to change the border of an element to Yxy 14.1737, 0.2671, 0.3655 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(61, 115, 100) }
```

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

```
.border{ border-color:rgb(61, 115, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 115, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 115, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 115, 100);  
box-shadow:4px 4px 4px 4px rgb(61, 115,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1737, 0.2671, 0.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 115, 100) }
```

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

```
.background{ background-color: rgb(61, 115,  
100) }
```

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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