

Converting Colors

$Y_{xy}(14.1026, 0.2621, 0.3610)$

Have a look what the booklet for
Yxy(14.1026, 0.2621, 0.3610)
contains.

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Color

Yxy(14.0906, 0.2616, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	397366
RGB	57, 115, 102
RGB Percent	22%, 45%, 40%
CMY	0.7764, 0.5490, 0.6001
CMYK	0.50, 0.00, 0.11, 0.55
HSL	167°, 34%, 34%
HSV	167°, 50%, 45%
XYZ	10.2165, 14.0906, 14.7467
YIQ	96.1760, -30.3950, -16.3390

Conversions

Conversions Part 2

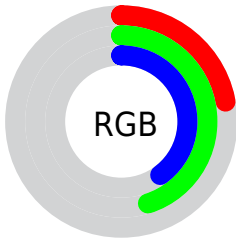
Format	Color
R_{YB}	57, 90, 115
Decimal	3765094
CIE _{Lab}	44.36, -22.45, 1.36
CIE _{LCh}	44, 22.491, 176.522
Yxy	14.0906, 0.2616, 0.3608
Android (android.graphics.Color)	4281955174 (0xFF397366)
YUV	96.1760, 2.8712, -34.3574
Hunter-Lab	37.5374, -17.1087, 2.9840

Details

The Yxy color **14.0906, 0.2616, 0.3608** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7.0162, 0.4137, 0.3011**, and the grayscale version is **11.7419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1255, 0.2738, 0.3522**, and **4.1723, 0.2378, 0.3762** is the 20% darker color. If you saturate the color by 10%, you get **13.7400, 0.2549, 0.3683**, and if you desaturate by 10%, it is **14.5205, 0.2698, 0.3536**.

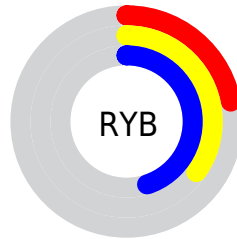
Distribution



Red (22%)

Green (45%)

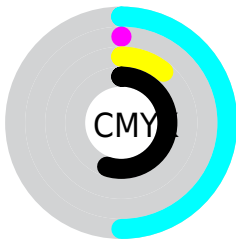
Blue (40%)



Red (22%)

Yellow (35%)

Blue (45%)

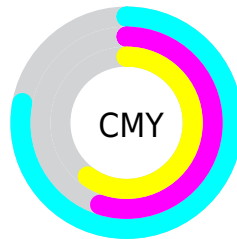


Cyan (50%)

Magenta (0%)

Yellow (11%)

Black (55%)



Cyan (78%)


Magenta (55%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.0906, 0.2616, 0.3608 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 14.0906, 0.2616, 0.3608 by changing the saturation by 10% instead.


 14.0906, 0.2616,
0.3608


 14.0906, 0.2616,
0.3608


 217.7937, 0.2922,
0.3417


 8.1837, 0.2515,
0.3672


 33.2497, 0.2743,
0.3528


 4.2127, 0.2366,
0.3768

 47.2707, 0.2785,
0.3502

 1.7933, 0.2122,
0.3927

 64.7652, 0.2819,
0.3480

 0.4830, 0.0000,
0.5287

 86.1175, 0.2847,
0.3463

 0.0000, 0.0000,
0.0000

 111.7122, 0.2870,
0.3448

 141.9335, 0.2890,

0.3436

177.1659, 0.2907,
0.3426

■ 14.0906, 0.2616,
0.3608

■ 14.0906, 0.2616,
0.3608

■ 13.7400, 0.2549,
0.3683

■ 14.5205, 0.2698,
0.3536

■ 13.4618, 0.2498,
0.3761

■ 15.0328, 0.2792,
0.3468

■ 13.2506, 0.2464,
0.3840

■ 15.6324, 0.2896,
0.3404

■ 13.0996, 0.2449,
0.3919

■ 16.3234, 0.3007,
0.3346

■ 12.9859, 0.2443,
0.3995

■ 17.1096, 0.3122,
0.3292

■ 17.9947, 0.3241,
0.3244

■ 18.9819, 0.3360,
0.3200

■ 20.0746, 0.3478,
0.3162

■ 21.2757, 0.3594,
0.3128

Harmonies

Analogous

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



14.0906, 0.3033, 0.3995



14.0906, 0.2616, 0.3608



14.0906, 0.2346, 0.3143

Triad

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



14.0906, 0.2616, 0.3608



14.0906, 0.2720, 0.2554



14.0906, 0.4059, 0.3714

Complementary

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



14.0906, 0.2616, 0.3608



7.0162, 0.4137, 0.3011

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.



14.0906, 0.3973, 0.3343



14.0906, 0.2616, 0.3608



14.0906, 0.3167, 0.2704

Square

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



14.0906, 0.2616, 0.3608



14.0906, 0.2404, 0.2569



14.0906, 0.3636, 0.2985



14.0906, 0.3876, 0.4015

Rectangle

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



14.0906, 0.2616, 0.3608



14.0906, 0.2275, 0.2877



14.0906, 0.3636, 0.2985



14.0906, 0.4062, 0.3593

Sweetspot

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



14.0912, 0.2616, 0.3608



28.5928, 0.2951, 0.3374



13.8800, 0.3213, 0.4726



6.7724, 0.2932, 0.3384



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.



14.0912, 0.2616, 0.3608



24.5394, 0.2542, 0.3692



11.1347, 0.2427, 0.2906



4.1419, 0.3022, 0.3338



14.8422, 0.2444, 0.4000



72.1944, 0.2456, 0.4042

Inverse Universe

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



7.0162, 0.4137, 0.3011



10.3633, 0.4505, 0.2964



8.6381, 0.4268, 0.3629



3.7131, 0.3244, 0.3243



4.2482, 0.5925, 0.3038



20.5922, 0.6048, 0.3105

Previews

White Background



This preview shows how the Yxy color 14.0906, 0.2616, 0.3608 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 14.0906, 0.2616, 0.3608 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 14.0906, 0.2616, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 14.0906, 0.2616, 0.3608.



This preview shows how white text looks on a background with the Yxy color 14.0906, 0.2616, 0.3608.

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

14.0906, 0.2616, 0.3608

Protanopia

13.9333, 0.3292, 0.3463

Deuteranopia

13.9047, 0.3262, 0.3207



Tritanopia

14.0256, 0.2481, 0.3081

Trichromacy



Original Color

14.0906, 0.2616, 0.3608

Protanomaly

13.7308, 0.2996, 0.3520

Deuteranomaly

13.6347, 0.2976, 0.3335

Tritanomaly

14.0173, 0.2531, 0.3265

Monochromacy



Original Color

14.0906, 0.2616, 0.3608

Achromatopsia

11.6971, 0.3127, 0.3290

Achromatomaly

12.3762, 0.2902, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.0906, 0.2616, 0.3608 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(57, 115, 102)` looks like.

```
.text, #text, p{  
    color:rgb(57, 115, 102)  
}
```

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(57, 115, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 115, 102) }
```

Border

The CSS property to change the border of an element to Yxy 14.0906, 0.2616, 0.3608 is called "border". The border property can be set on classes, ids or directly on the HTML element.

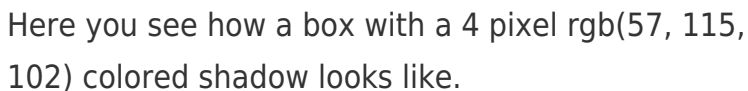
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(57, 115, 102) }
```

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

```
.border{ border-color:rgb(57, 115, 102) }
```

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



Here you see how a box with a 4 pixel `rgb(57, 115, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 115, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 115, 102);  
box-shadow:4px 4px 4px 4px rgb(57, 115,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 14.0906, 0.2616, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 115, 102) }
```

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

```
.background{ background-color: rgb(57, 115,  
102) }
```

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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