

Converting Colors

$Y_{xy}(14.5355, 0.2613, 0.2579)$

Have a look what the booklet for
Yxy(14.5355, 0.2613, 0.2579)
contains.

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Color

Yxy(14.5676, 0.2613, 0.2574)

Conversions

Conversions Part 1

Format	Color
Hex	61698D
RGB	97, 105, 141
RGB Percent	38%, 41%, 55%
CMY	0.6197, 0.5882, 0.4470
CMYK	0.31, 0.26, 0.00, 0.45
HSL	229°, 19%, 47%
HSV	229°, 31%, 55%
XYZ	14.7883, 14.5676, 27.2393
YIQ	106.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

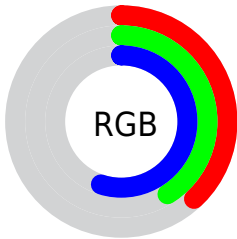
Format	Color
R_{YB}	97, 104, 141
Decimal	6384013
CIE Lab	45.04, 5.84, -20.79
CIE LCh	45, 21.590, 285.687
Yxy	14.5676, 0.2613, 0.2574
Android (android.graphics.Color)	4284574093 (0xFF61698D)
YUV	106.7120, 16.9040, -8.5174
Hunter-Lab	38.1675, 2.3681, -15.5966

Details

The Yxy color **14.5676, 0.2613, 0.2574** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **23.3002, 0.3619, 0.3916**, and the grayscale version is **14.5745, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.1066, 0.2738, 0.2736**, and **4.4344, 0.2380, 0.2261** is the 20% darker color. If you saturate the color by 10%, you get **11.6692, 0.2425, 0.2297**, and if you desaturate by 10%, it is **17.9234, 0.2792, 0.2830**.

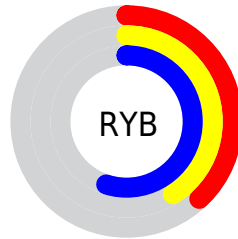
Distribution



 Red (38%)

 Green (41%)

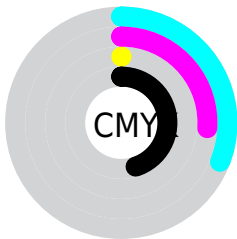
 Blue (55%)



 Red (38%)

 Yellow (41%)

 Blue (55%)

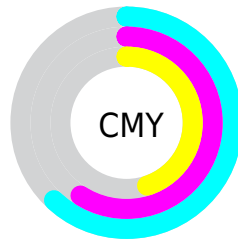


 Cyan (31%)

 Magenta (26%)

 Yellow (0%)

 Black (45%)



 Cyan (62%)

 Magenta (59%)

 Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.5676, 0.2613, 0.2574 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 14.5676, 0.2613, 0.2574 by changing the saturation by 10% instead.

■ 14.5676, 0.2613,
0.2574

■ 14.5676, 0.2613,
0.2574

■ 220.7339, 0.2917,
0.2988

■ 8.5165, 0.2517,
0.2448

■ 34.0928, 0.2737,
0.2740

■ 4.4272, 0.2378,
0.2270

■ 48.3357, 0.2779,
0.2797

■ 1.9153, 0.2163,
0.2002

■ 66.0780, 0.2813,
0.2844

■ 0.5575, 0.1789,
0.1484

■ 87.7040, 0.2841,
0.2883

■ 0.0000, 0.0000,
0.0000

■ 113.5982, 0.2865,
0.2915

■ 144.1450, 0.2885,

0.2943

179.7288, 0.2902,
0.2967

■ 14.5676, 0.2613,
0.2574

■ 14.5676, 0.2613,
0.2574

■ 11.6692, 0.2425,
0.2297

■ 17.9234, 0.2792,
0.2830

■ 9.2065, 0.2235,
0.2005

■ 21.7537, 0.2958,
0.3061

■ 7.1585, 0.2049,
0.1709

■ 26.0768, 0.3109,
0.3266

■ 5.5018, 0.1879,
0.1423

■ 30.9095, 0.3247,
0.3448

■ 4.2104, 0.1735,
0.1164

■ 36.2677, 0.3369,
0.3606

■ 3.2551, 0.1626,
0.0947

■ 42.1667, 0.3479,
0.3744

■ 2.6494, 0.1555,
0.0796

■ 48.6212, 0.3576,
0.3864

■ 55.6454, 0.3662,
0.3968

■ 63.2527, 0.3738,
0.4058

Harmonies

Analogous

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



14.5676, 0.2371, 0.2653



14.5676, 0.2613, 0.2574



14.5676, 0.3004, 0.2663

Triad

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



14.5676, 0.2613, 0.2574



14.5676, 0.4013, 0.3572



14.5676, 0.2774, 0.3742

Complementary

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



14.5676, 0.2613, 0.2574



23.3002, 0.3619, 0.3916

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.



14.5676, 0.3200, 0.4037



14.5676, 0.2613, 0.2574



14.5676, 0.3929, 0.3892

Square

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



14.5676, 0.2613, 0.2574



14.5676, 0.3837, 0.3214



14.5676, 0.3625, 0.4080



14.5676, 0.2456, 0.3308

Rectangle

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



14.5676, 0.2613, 0.2574



14.5676, 0.3307, 0.2802



14.5676, 0.3625, 0.4080



14.5676, 0.2908, 0.3863

Sweetspot

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



14.5682, 0.2613, 0.2574



40.4501, 0.2990, 0.3105



23.2878, 0.2762, 0.3442



8.8196, 0.2969, 0.3077



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



14.5682, 0.2613, 0.2574



22.5856, 0.2491, 0.2394



13.8437, 0.2765, 0.2449



5.4042, 0.2990, 0.3105



2.4332, 0.1556, 0.0802



0.0470, 0.1730, 0.1426

Inverse Universe

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



15.2299, 0.3679, 0.3146



24.1152, 0.3846, 0.3115



24.4360, 0.3418, 0.4084



5.4391, 0.3255, 0.3250



5.2320, 0.6067, 0.3116



0.0524, 0.5156, 0.2614

Previews

White Background



This preview shows how the Yxy color 14.5676, 0.2613, 0.2574 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 14.5676, 0.2613, 0.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

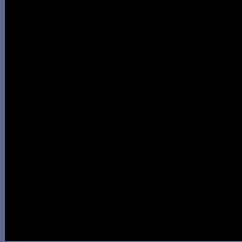
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

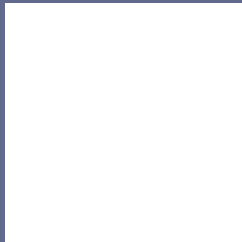
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.5676, 0.2613, 0.2574

Background



This preview shows how black text looks on a background with the Yxy color 14.5676, 0.2613, 0.2574.



This preview shows how white text looks on a background with the Yxy color 14.5676, 0.2613, 0.2574.

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

14.5676, 0.2613, 0.2574

Protanopia

14.5130, 0.2602, 0.2572

Deuteranopia

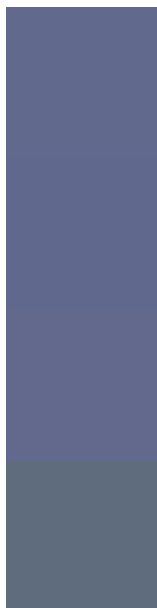
14.6229, 0.2625, 0.2576



Tritanopia

14.5206, 0.2803, 0.3095

Trichromacy



Original Color

14.5676, 0.2613, 0.2574

Protanomaly

14.5130, 0.2602, 0.2572

Deuteranomaly

14.6229, 0.2625, 0.2576

Tritanomaly

14.6112, 0.2738, 0.2911

Monochromacy



Original Color

14.5676, 0.2613, 0.2574

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.5235, 0.2926, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.5676, 0.2613, 0.2574 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(97, 105, 141)` looks like.

```
.text, #text, p{  
    color:rgb(97, 105, 141)  
}
```

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(97, 105, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 105, 141) }
```

Border

The CSS property to change the border of an element to Yxy 14.5676, 0.2613, 0.2574 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(97, 105, 141) }
```

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

```
.border{ border-color:rgb(97, 105, 141) }
```

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

Here you see how a box with a 4 pixel rgb(97, 105, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 105, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 105, 141);  
box-shadow:4px 4px 4px 4px rgb(97, 105,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 14.5676, 0.2613, 0.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 105, 141) }
```

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

```
.background{ background-color: rgb(97, 105,  
141) }
```

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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