

Converting Colors

$Y_{xy}(14.1871, 0.2286, 0.2595)$

Have a look what the booklet for
Yxy(14.1871, 0.2286, 0.2595)
contains.

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Color

Yxy(14.1271, 0.2280, 0.2585)

Conversions

Conversions Part 1

Format	Color
Hex	3D6E8F
RGB	61, 110, 143
RGB Percent	24%, 43%, 56%
CMY	0.7607, 0.5686, 0.4392
CMYK	0.57, 0.23, 0.00, 0.44
HSL	204°, 40%, 40%
HSV	204°, 57%, 56%
XYZ	12.4603, 14.1271, 28.0629
YIQ	99.1110, -39.7970, -0.1250

Conversions

Conversions Part 2

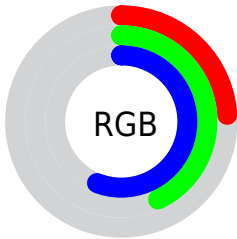
Format	Color
R _{YB}	61, 92, 143
Decimal	4025999
CIE Lab	44.41, -6.41, -23.12
CIE LCh	44, 23.987, 254.504
Yxy	14.1271, 0.2280, 0.2585
Android (android.graphics.Color)	4282216079 (0xFF3D6E8F)
YUV	99.1110, 21.6373, -33.4233
Hunter-Lab	37.5860, -6.6005, -17.9576

Details

The Yxy color **14.1271, 0.2280, 0.2585** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **14.1919, 0.4412, 0.3869**, and the grayscale version is **12.4606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.1658, 0.2476, 0.2748**, and **4.3453, 0.1966, 0.2276** is the 20% darker color. If you saturate the color by 10%, you get **12.5298, 0.2156, 0.2435**, and if you desaturate by 10%, it is **15.9273, 0.2417, 0.2729**.

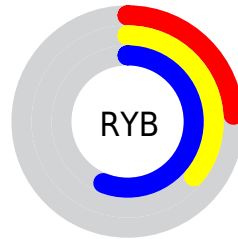
Distribution



Red (24%)

Green (43%)

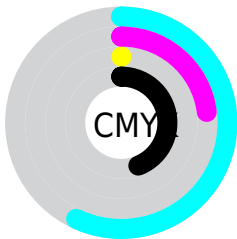
Blue (56%)



Red (24%)

Yellow (36%)

Blue (56%)

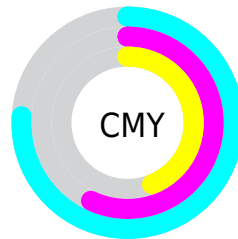


Cyan (57%)

Magenta (23%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (57%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1271, 0.2280, 0.2585 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 14.1271, 0.2280, 0.2585 by changing the saturation by 10% instead.

■ 14.1271, 0.2280,
0.2585

■ 14.1271, 0.2280,
0.2585

■ 218.0201, 0.2771,
0.3004

■ 8.2091, 0.2131,
0.2452

■ 33.3144, 0.2477,
0.2756

■ 4.2290, 0.1921,
0.2262

■ 47.3525, 0.2545,
0.2815

■ 1.8025, 0.1612,
0.1971

■ 64.8660, 0.2601,
0.2862

■ 0.4887, 0.0881,
0.1398

■ 86.2395, 0.2647,
0.2900

■ 0.0000, 0.0000,
0.0000

■ 111.8572, 0.2685,
0.2932

142.1037, 0.2718,

0.2960

177.3631, 0.2746,
0.2983

■ 14.1271, 0.2280,
0.2585

■ 14.1271, 0.2280,
0.2585

■ 12.5298, 0.2156,
0.2435

■ 15.9273, 0.2417,
0.2729

■ 11.1224, 0.2049,
0.2283

■ 17.9392, 0.2563,
0.2866

■ 9.8925, 0.1961,
0.2131

■ 20.1726, 0.2714,
0.2994

■ 8.8178, 0.1891,
0.1982

■ 22.6362, 0.2866,
0.3111

■ 8.5468, 0.1873,
0.1943

■ 25.3383, 0.3018,
0.3218

■ 28.2865, 0.3166,
0.3315

■ 31.4882, 0.3310,
0.3401

■ 34.9503, 0.3447,
0.3478

■ 38.6796, 0.3577,
0.3545

Harmonies

Analogous

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



14.1271, 0.2227, 0.2873



14.1271, 0.2280, 0.2585



14.1271, 0.2539, 0.2494

Triad

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



14.1271, 0.2280, 0.2585



14.1271, 0.3912, 0.3186



14.1271, 0.3223, 0.4143

Complementary

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



14.1271, 0.2280, 0.2585



14.1919, 0.4412, 0.3869

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.



14.1271, 0.3697, 0.4172



14.1271, 0.2280, 0.2585



14.1271, 0.4120, 0.3581

Square

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



14.1271, 0.2280, 0.2585



14.1271, 0.3476, 0.2834



14.1271, 0.4033, 0.3944



14.1271, 0.2746, 0.3818

Rectangle

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



14.1271, 0.2280, 0.2585



14.1271, 0.2809, 0.2537



14.1271, 0.4033, 0.3944



14.1271, 0.3388, 0.4187

Sweetspot

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



14.1276, 0.2280, 0.2585



40.5140, 0.2866, 0.3111



21.4477, 0.2799, 0.4362



9.1058, 0.2839, 0.3091



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



14.1276, 0.2280, 0.2585



21.6093, 0.2121, 0.2388



7.2606, 0.2089, 0.1680



5.7568, 0.2990, 0.3199



7.5969, 0.1875, 0.1950



0.1160, 0.2058, 0.2607

Inverse Universe

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



10.3071, 0.3763, 0.2452



15.1875, 0.3983, 0.2316



23.4553, 0.3993, 0.4501



5.4747, 0.3194, 0.3159



5.7532, 0.4510, 0.2258



0.0594, 0.3817, 0.1876

Previews

White Background



This preview shows how the Yxy color 14.1271, 0.2280, 0.2585 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 14.1271, 0.2280, 0.2585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

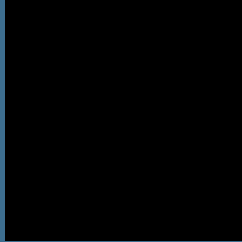
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

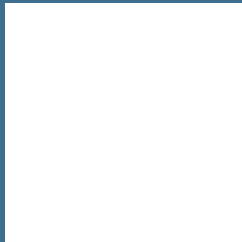
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.1271, 0.2280, 0.2585

Background



This preview shows how black text looks on a background with the Yxy color 14.1271, 0.2280, 0.2585.

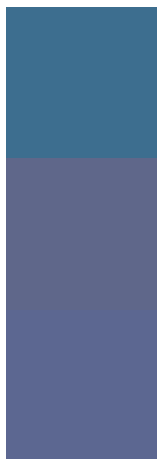


This preview shows how white text looks on a background with the Yxy color 14.1271, 0.2280, 0.2585.

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

14.1271, 0.2280, 0.2585

Protanopia

13.9684, 0.2616, 0.2581

Deuteranopia

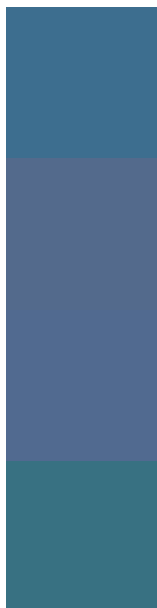
14.0201, 0.2516, 0.2454



Tritanopia

14.2216, 0.2395, 0.3079

Trichromacy



Original Color

14.1271, 0.2280, 0.2585

Protanomaly

14.0405, 0.2478, 0.2585

Deuteranomaly

14.0710, 0.2424, 0.2511

Tritanomaly

14.2627, 0.2356, 0.2905

Monochromacy



Original Color

14.1271, 0.2280, 0.2585

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.8696, 0.2741, 0.3018

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1271, 0.2280, 0.2585 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, 110, 143)` looks like.

```
.text, #text, p{  
    color:rgb(61, 110, 143)  
}
```

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, 110, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 110, 143) }
```

Border

The CSS property to change the border of an element to Yxy 14.1271, 0.2280, 0.2585 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, 110, 143) }
```

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

```
.border{ border-color:rgb(61, 110, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 110, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 110, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 110, 143);  
box-shadow:4px 4px 4px 4px rgb(61, 110,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1271, 0.2280, 0.2585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 110, 143) }
```

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

```
.background{ background-color: rgb(61, 110,  
143) }
```

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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