

Converting Colors

$Y_{xy}(14.1821, 0.2669, 0.3028)$

Have a look what the booklet for
Yxy(14.1821, 0.2669, 0.3028)
contains.

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Color

Yxy(14.1568, 0.2668, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	536D79
RGB	83, 109, 121
RGB Percent	33%, 43%, 47%
CMY	0.6744, 0.5726, 0.5254
CMYK	0.31, 0.10, 0.00, 0.53
HSL	199°, 19%, 40%
HSV	199°, 31%, 47%
XYZ	12.4902, 14.1568, 20.1678
YIQ	102.5940, -19.3480, -1.7800

Conversions

Conversions Part 2

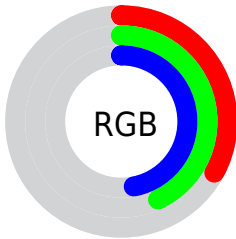
Format	Color
R_{YB}	83, 98, 121
Decimal	5467513
CIE Lab	44.46, -6.39, -9.77
CIE LCh	44, 11.673, 236.824
Yxy	14.1568, 0.2668, 0.3024
Android (android.graphics.Color)	4283657593 (0xFF536D79)
YUV	102.5940, 9.0742, -17.1839
Hunter-Lab	37.6255, -6.5897, -5.4424

Details

The Yxy color **14.1568, 0.2668, 0.3024** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **12.8863, 0.3722, 0.3540**, and the grayscale version is **13.4327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.2271, 0.2784, 0.3090**, and **4.2882, 0.2467, 0.2922** is the 20% darker color. If you saturate the color by 10%, you get **12.8543, 0.2528, 0.2924**, and if you desaturate by 10%, it is **15.5922, 0.2813, 0.3117**.

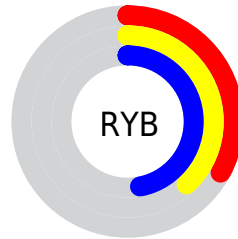
Distribution



Red (33%)

Green (43%)

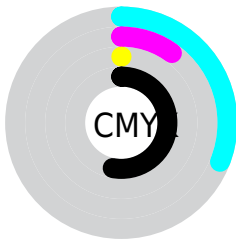
Blue (47%)



Red (33%)

Yellow (38%)

Blue (47%)

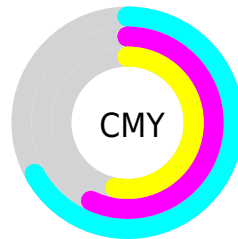


Cyan (31%)

Magenta (10%)

Yellow (0%)

Black (53%)



Cyan (67%)

Magenta (57%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.1568, 0.2668, 0.3024 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 14.1568, 0.2668, 0.3024 by changing the saturation by 10% instead.

■ 14.1568, 0.2668,
0.3024

■ 14.1568, 0.2668,
0.3024

■ 218.2041, 0.2939,
0.3186

■ 8.2298, 0.2581,
0.2969

■ 33.3670, 0.2779,
0.3092

■ 4.2423, 0.2454,
0.2887

■ 47.4190, 0.2817,
0.3114

■ 1.8100, 0.2251,
0.2751

■ 64.9481, 0.2847,
0.3132

■ 0.4934, 0.1527,
0.2407

■ 86.3387, 0.2872,
0.3147

■ 0.0000, 0.0000,
0.0000

■ 111.9752, 0.2893,
0.3159

142.2420, 0.2911,

0.3169

177.5235, 0.2926,
0.3178

■ 14.1568, 0.2668,
0.3024

■ 14.1568, 0.2668,
0.3024

■ 12.8543, 0.2528,
0.2924

■ 15.5922, 0.2813,
0.3117

■ 11.6775, 0.2397,
0.2818

■ 17.1638, 0.2960,
0.3202

■ 10.6211, 0.2277,
0.2708

■ 18.8770, 0.3107,
0.3280

■ 9.6786, 0.2172,
0.2593

■ 20.7363, 0.3252,
0.3350

■ 8.8428, 0.2084,
0.2478

■ 22.7459, 0.3393,
0.3413

8.1051, 0.2014,
0.2362

24.9100, 0.3529,
0.3468

7.5226, 0.1962,
0.2263

27.2324, 0.3659,
0.3518

29.7169, 0.3783,
0.3561

32.3672, 0.3900,
0.3599

Harmonies

Analogous

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



14.1568, 0.2710, 0.3222



14.1568, 0.2668, 0.3024



14.1568, 0.2743, 0.2907

Triad

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



14.1568, 0.2668, 0.3024



14.1568, 0.3394, 0.3132



14.1568, 0.3326, 0.3720

Complementary

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



14.1568, 0.2668, 0.3024



12.8863, 0.3722, 0.3540

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.



14.1568, 0.3520, 0.3676



14.1568, 0.2668, 0.3024



14.1568, 0.3562, 0.3332

Square

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



14.1568, 0.2668, 0.3024



14.1568, 0.3156, 0.2974



14.1568, 0.3608, 0.3530



14.1568, 0.3084, 0.3639

Rectangle

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



14.1568, 0.2668, 0.3024



14.1568, 0.2851, 0.2885



14.1568, 0.3608, 0.3530



14.1568, 0.3399, 0.3719

Sweetspot

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



14.1574, 0.2668, 0.3024



31.3677, 0.2992, 0.3220



16.3349, 0.2966, 0.3892



7.0905, 0.2974, 0.3210



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



14.1574, 0.2668, 0.3024



23.5590, 0.2562, 0.2949



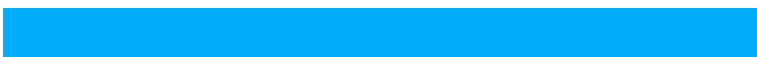
10.6412, 0.2621, 0.2598



4.3086, 0.2994, 0.3221



8.0391, 0.1961, 0.2259



36.7666, 0.1945, 0.2200

Inverse Universe

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



11.3623, 0.3349, 0.2769



17.8852, 0.3419, 0.2641



16.5951, 0.3617, 0.3897



4.0569, 0.3181, 0.3145



5.0184, 0.4169, 0.2071



23.7788, 0.4232, 0.2105

Previews

White Background



This preview shows how the Yxy color 14.1568, 0.2668, 0.3024 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 14.1568, 0.2668, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

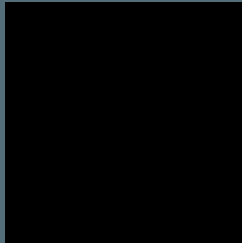
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

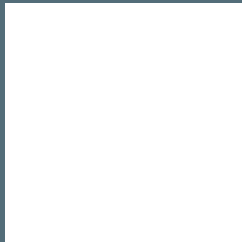
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 14.1568, 0.2668, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 14.1568, 0.2668, 0.3024.



This preview shows how white text looks on a background with the Yxy color 14.1568, 0.2668, 0.3024.

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

14.1568, 0.2668, 0.3024

Protanopia

14.0922, 0.2937, 0.2996

Deuteranopia

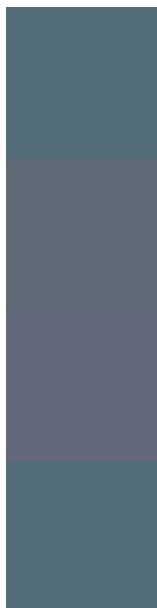
14.0337, 0.2940, 0.2880



Tritanopia

14.0391, 0.2688, 0.3088

Trichromacy



Original Color

14.1568, 0.2668, 0.3024

Protanomaly

14.1268, 0.2837, 0.3011

Deuteranomaly

14.1050, 0.2826, 0.2931

Tritanomaly

14.0630, 0.2677, 0.3066

Monochromacy



Original Color

14.1568, 0.2668, 0.3024

Achromatopsia

13.5633, 0.3127, 0.3290

Achromatomaly

13.7157, 0.2942, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1568, 0.2668, 0.3024 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(83, 109, 121)` looks like.

```
.text, #text, p{  
    color:rgb(83, 109, 121)  
}
```

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(83, 109, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 109, 121) }
```

Border

The CSS property to change the border of an element to Yxy 14.1568, 0.2668, 0.3024 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(83, 109, 121) }
```

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

```
.border{ border-color:rgb(83, 109, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 109, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 109, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 109, 121);  
box-shadow:4px 4px 4px 4px rgb(83, 109,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1568, 0.2668, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 109, 121) }
```

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

```
.background{ background-color: rgb(83, 109,  
121) }
```

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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