

Converting Colors

$Y_{xy}(11.4356, 0.2740, 0.2829)$

Have a look what the booklet for
Yxy(11.4356, 0.2740, 0.2829)
contains.

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Color

Yxy(11.4007, 0.2738, 0.2831)

Conversions

Conversions Part 1

Format	Color
Hex	565F73
RGB	86, 95, 115
RGB Percent	34%, 37%, 45%
CMY	0.6627, 0.6275, 0.5490
CMYK	0.25, 0.17, 0.00, 0.55
HSL	221°, 14%, 39%
HSV	221°, 25%, 45%
XYZ	11.0262, 11.4007, 17.8440
YIQ	94.5890, -11.7840, 4.3120

Conversions

Conversions Part 2

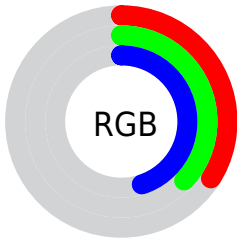
Format	Color
R_{YB}	86, 93, 115
Decimal	5660531
CIE Lab	40.25, 1.41, -12.47
CIE LCh	40, 12.549, 276.451
Yxy	11.4007, 0.2738, 0.2831
Android (android.graphics.Color)	4283850611 (0xFF565F73)
YUV	94.5890, 10.0626, -7.5326
Hunter-Lab	33.7649, -0.7981, -7.6981

Details

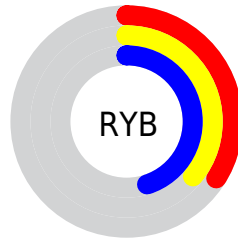
The Yxy color **11.4007, 0.2738, 0.2831** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **14.6335, 0.3527, 0.3710**, and the grayscale version is **11.3191, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.2751, 0.2836, 0.2942**, and **3.0530, 0.2535, 0.2591** is the 20% darker color. If you saturate the color by 10%, you get **9.5401, 0.2569, 0.2615**, and if you desaturate by 10%, it is **13.4959, 0.2900, 0.3028**.

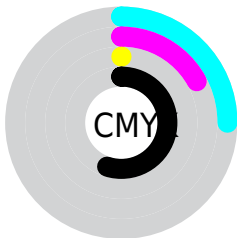
Distribution



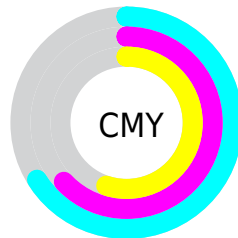
- Red (34%)
- Green (37%)
- Blue (45%)



- Red (34%)
- Yellow (36%)
- Blue (45%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (55%)



- Cyan (66%)
- Magenta (63%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4007, 0.2738, 0.2831 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 11.4007, 0.2738, 0.2831 by changing the saturation by 10% instead.

■ 11.4007, 0.2738,
0.2831

■ 11.4007, 0.2738,
0.2831

■ 200.3963, 0.2976,
0.3110

■ 6.3370, 0.2656,
0.2736

■ 28.3988, 0.2839,
0.2948

■ 3.0511, 0.2532,
0.2594

■ 41.1020, 0.2872,
0.2987

■ 1.1585, 0.2323,
0.2355

■ 57.1205, 0.2898,
0.3018

■ 0.0274, 0.0611,
0.0277

■ 76.8387, 0.2919,
0.3043

■ 0.0000, 0.0000,
0.0000

■ 100.6410, 0.2937,
0.3064

128.9118, 0.2952,

0.3082

162.0354, 0.2965,
0.3097

■ 11.4007, 0.2738,
0.2831

■ 11.4007, 0.2738,
0.2831

■ 9.5401, 0.2569,
0.2615

■ 13.4959, 0.2900,
0.3028

■ 7.9042, 0.2396,
0.2382

■ 15.8324, 0.3052,
0.3205

■ 6.4844, 0.2224,
0.2136

■ 18.4184, 0.3193,
0.3363

■ 5.2709, 0.2060,
0.1884

■ 21.2612, 0.3323,
0.3503

■ 4.2530, 0.1911,
0.1635

■ 24.3677, 0.3442,
0.3625

■ 3.4192, 0.1784,
0.1399

■ 27.7448, 0.3550,
0.3733

■ 2.7524, 0.1682,
0.1186

■ 31.3989, 0.3648,
0.3827

■ 2.4771, 0.1637,
0.1091

■ 35.3362, 0.3737,
0.3910

■ 39.5629, 0.3818,
0.3982

Harmonies

Analogous

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



11.4007, 0.2613, 0.2927



11.4007, 0.2738, 0.2831



11.4007, 0.2969, 0.2852

Triad

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



11.4007, 0.2738, 0.2831



11.4007, 0.3665, 0.3412



11.4007, 0.2987, 0.3636

Complementary

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



11.4007, 0.2738, 0.2831



14.6335, 0.3527, 0.3710

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.



11.4007, 0.3268, 0.3776



11.4007, 0.2738, 0.2831



11.4007, 0.3667, 0.3628

Square

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



11.4007, 0.2738, 0.2831



11.4007, 0.3511, 0.3178



11.4007, 0.3519, 0.3767



11.4007, 0.2752, 0.3392

Rectangle

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



11.4007, 0.2738, 0.2831



11.4007, 0.3156, 0.2925



11.4007, 0.3519, 0.3767



11.4007, 0.3079, 0.3698

Sweetspot

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



11.4012, 0.2738, 0.2831



27.0433, 0.3008, 0.3154



15.2817, 0.2874, 0.3495



6.3229, 0.2988, 0.3132



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.



11.4012, 0.2738, 0.2831



18.5024, 0.2644, 0.2713



10.1372, 0.2796, 0.2631



3.7579, 0.2995, 0.3140



2.7953, 0.1633, 0.1080



12.2586, 0.1608, 0.0990

Inverse Universe

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



11.1301, 0.3471, 0.3099



18.0332, 0.3573, 0.3054



16.2333, 0.3412, 0.3899



3.7178, 0.3232, 0.3225



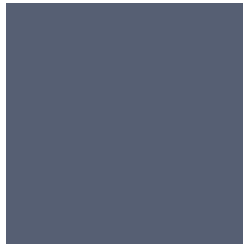
4.3062, 0.5640, 0.2880



20.8469, 0.5774, 0.2955

Previews

White Background



This preview shows how the Yxy color 11.4007, 0.2738, 0.2831 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 11.4007, 0.2738, 0.2831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

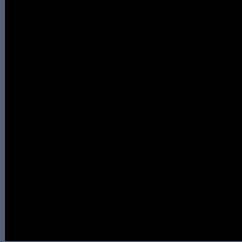
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

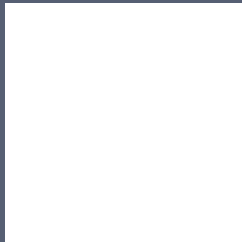
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.4007, 0.2738, 0.2831

Background



This preview shows how black text looks on a background with the Yxy color 11.4007, 0.2738, 0.2831.

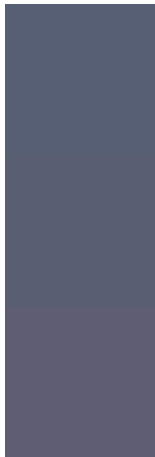


This preview shows how white text looks on a background with the Yxy color 11.4007, 0.2738, 0.2831.

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

11.4007, 0.2738, 0.2831

Protanopia

11.3940, 0.2802, 0.2836

Deuteranopia

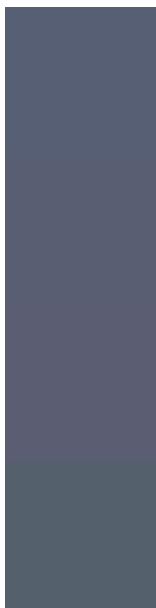
11.4462, 0.2843, 0.2799



Tritanopia

11.4541, 0.2836, 0.3099

Trichromacy



Original Color

11.4007, 0.2738, 0.2831

Protanomaly

11.3442, 0.2788, 0.2834

Deuteranomaly

11.4674, 0.2803, 0.2817

Tritanomaly

11.4012, 0.2799, 0.2985

Monochromacy



Original Color

11.4007, 0.2738, 0.2831

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

11.4190, 0.2986, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4007, 0.2738, 0.2831 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(86, 95, 115) looks like.

```
.text, #text, p{  
    color:rgb(86, 95, 115)  
}
```

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(86, 95, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 95, 115) }
```

Border

The CSS property to change the border of an element to Yxy 11.4007, 0.2738, 0.2831 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(86, 95, 115) }
```

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

```
.border{ border-color:rgb(86, 95, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 95, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 95, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 95, 115);  
box-shadow:4px 4px 4px 4px rgb(86, 95,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4007, 0.2738, 0.2831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 95, 115) }
```

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

```
.background{ background-color: rgb(86, 95,  
115) }
```

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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