

Converting Colors

$Y_{xy}(11.4755, 0.2743, 0.2997)$

Have a look what the booklet for
Yxy(11.4755, 0.2743, 0.2997)
contains.

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Color

$Y_{xy}(11.4245, 0.2736, 0.2982)$

Conversions

Conversions Part 1

Format	Color
Hex	51616E
RGB	81, 97, 110
RGB Percent	32%, 38%, 43%
CMY	0.6824, 0.6196, 0.5686
CMYK	0.26, 0.12, 0.00, 0.57
HSL	207°, 15%, 37%
HSV	207°, 26%, 43%
XYZ	10.4820, 11.4245, 16.4050
YIQ	93.6980, -13.7090, 0.6510

Conversions

Conversions Part 2

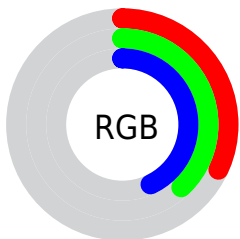
Format	Color
R_{YB}	81, 91, 110
Decimal	5333358
CIE Lab	40.29, -2.84, -9.38
CIE LCh	40, 9.797, 253.162
Yxy	11.4245, 0.2736, 0.2982
Android (android.graphics.Color)	4283523438 (0xFF51616E)
YUV	93.6980, 8.0369, -11.1361
Hunter-Lab	33.8001, -3.7942, -5.1165

Details

The Yxy color **11.4245, 0.2736, 0.2982** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **11.9130, 0.3580, 0.3579**, and the grayscale version is **11.1016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6137, 0.2834, 0.3064**, and **3.0728, 0.2537, 0.2839** is the 20% darker color. If you saturate the color by 10%, you get **10.0949, 0.2585, 0.2845**, and if you desaturate by 10%, it is **12.8903, 0.2887, 0.3108**.

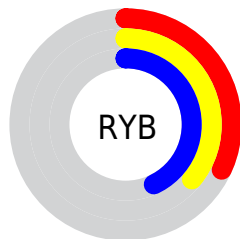
Distribution



Red (32%)

Green (38%)

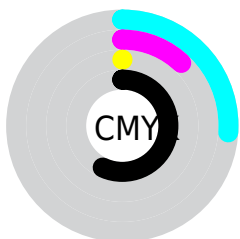
Blue (43%)



Red (32%)

Yellow (36%)

Blue (43%)

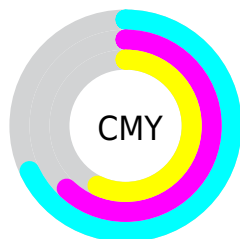


Cyan (26%)

Magenta (12%)

Yellow (0%)

Black (57%)



Cyan (68%)

Magenta (62%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.4245, 0.2736, 0.2982 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 11.4245, 0.2736, 0.2982 by changing the saturation by 10% instead.

■ 11.4245, 0.2736,
0.2982

■ 11.4245, 0.2736,
0.2982

■ 200.5572, 0.2974,
0.3172

■ 6.3531, 0.2654,
0.2915

■ 28.4425, 0.2837,
0.3063

■ 3.0610, 0.2531,
0.2813

■ 41.1579, 0.2870,
0.3089

■ 1.1636, 0.2321,
0.2635

■ 57.1902, 0.2896,
0.3110

■ 0.0317, 0.0000,
0.0439

■ 76.9236, 0.2918,
0.3127

■ 0.0000, 0.0000,
0.0000

■ 100.7426, 0.2935,
0.3141

129.0316, 0.2950,

0.3153

162.1750, 0.2963,
0.3163

■ 11.4245, 0.2736,
0.2982

■ 11.4245, 0.2736,
0.2982

■ 10.0949, 0.2585,
0.2845

■ 12.8903, 0.2887,
0.3108

■ 8.8955, 0.2437,
0.2697

■ 14.4956, 0.3035,
0.3223

■ 7.8214, 0.2296,
0.2541

■ 16.2450, 0.3179,
0.3326

■ 6.8672, 0.2166,
0.2379

■ 18.1427, 0.3316,
0.3419

■ 6.0266, 0.2050,
0.2213

■ 20.1925, 0.3447,
0.3501

■ 5.2930, 0.1952,
0.2048

■ 22.3982, 0.3571,
0.3574

■ 4.6516, 0.1870,
0.1885

■ 24.7634, 0.3687,
0.3638

■ 4.4327, 0.1841,
0.1826

■ 27.2915, 0.3796,
0.3694

■ 29.9860, 0.3897,
0.3744

Harmonies

Analogous

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



11.4245, 0.2716, 0.3126



11.4245, 0.2736, 0.2982



11.4245, 0.2857, 0.2924

Triad

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



11.4245, 0.2736, 0.2982



11.4245, 0.3462, 0.3244



11.4245, 0.3190, 0.3650

Complementary

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



11.4245, 0.2736, 0.2982



11.9130, 0.3580, 0.3579

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.



11.4245, 0.3395, 0.3673



11.4245, 0.2736, 0.2982



11.4245, 0.3557, 0.3430

Square

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



11.4245, 0.2736, 0.2982



11.4245, 0.3275, 0.3075



11.4245, 0.3532, 0.3588



11.4245, 0.2973, 0.3520

Rectangle

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



11.4245, 0.2736, 0.2982



11.4245, 0.2982, 0.2938



11.4245, 0.3532, 0.3588



11.4245, 0.3263, 0.3671

Sweetspot

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



11.4250, 0.2736, 0.2982



24.9181, 0.3008, 0.3203



13.7017, 0.2947, 0.3681



5.7174, 0.2990, 0.3189



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.4250, 0.2736, 0.2982



18.5231, 0.2638, 0.2894



9.0502, 0.2706, 0.2634



3.5771, 0.2996, 0.3194



5.2662, 0.1837, 0.1812



24.4916, 0.1813, 0.1726

Inverse Universe

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



10.0621, 0.3368, 0.2939



15.8036, 0.3445, 0.2849



14.6487, 0.3511, 0.3871



3.4294, 0.3198, 0.3175



4.3774, 0.4671, 0.2347



21.6302, 0.4774, 0.2404

Previews

White Background



This preview shows how the Yxy color 11.4245, 0.2736, 0.2982 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 11.4245, 0.2736, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

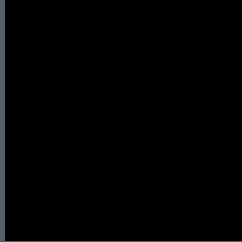
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

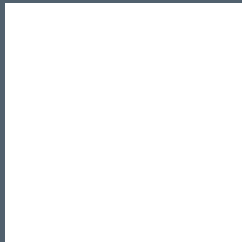
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.4245, 0.2736, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 11.4245, 0.2736, 0.2982.



This preview shows how white text looks on a background with the Yxy color 11.4245, 0.2736, 0.2982.

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

11.4245, 0.2736, 0.2982

Protanopia

11.3634, 0.2906, 0.2968

Deuteranopia

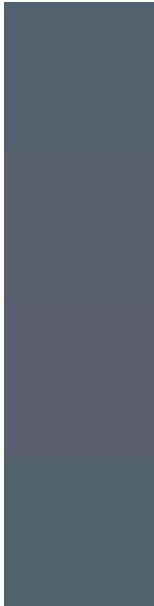
11.2888, 0.2922, 0.2864



Tritanopia

11.4814, 0.2773, 0.3097

Trichromacy



Original Color

11.4245, 0.2736, 0.2982

Protanomaly

11.3633, 0.2838, 0.2965

Deuteranomaly

11.3773, 0.2853, 0.2902

Tritanomaly

11.5024, 0.2761, 0.3074

Monochromacy



Original Color

11.4245, 0.2736, 0.2982

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

11.2284, 0.2969, 0.3171

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4245, 0.2736, 0.2982 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(81, 97, 110)` looks like.

```
.text, #text, p{  
    color:rgb(81, 97, 110)  
}
```

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(81, 97, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 97, 110) }
```

Border

The CSS property to change the border of an element to Yxy 11.4245, 0.2736, 0.2982 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(81, 97, 110) }
```

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

```
.border{ border-color:rgb(81, 97, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 97, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 97, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 97, 110);  
box-shadow:4px 4px 4px 4px rgb(81, 97,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4245, 0.2736, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 97, 110) }
```

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

```
.background{ background-color: rgb(81, 97,  
110) }
```

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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