

Converting Colors

$Yxy(13.7794, 0.2783, 0.3528)$

Have a look what the booklet for
Yxy(13.7794, 0.2783, 0.3528)
contains.

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Color

Yxy(13.7643, 0.2783, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	4A6F65
RGB	74, 111, 101
RGB Percent	29%, 44%, 40%
CMY	0.7097, 0.5647, 0.6040
CMYK	0.33, 0.00, 0.09, 0.56
HSL	164°, 20%, 36%
HSV	164°, 33%, 44%
XYZ	10.8577, 13.7643, 14.3924
YIQ	98.7970, -18.8420, -10.9540

Conversions

Conversions Part 2

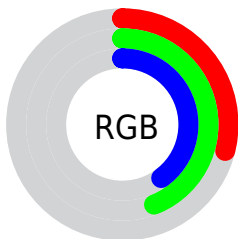
Format	Color
R_{YB}	74, 95, 111
Decimal	4878181
CIE _{Lab}	43.89, -15.55, 1.38
CIE _{LCh}	44, 15.614, 174.915
Yxy	13.7643, 0.2783, 0.3528
Android (android.graphics.Color)	4283068261 (0xFF4A6F65)
YUV	98.7970, 1.0861, -21.7470
Hunter-Lab	37.1003, -12.6859, 2.9696

Details

The Yxy color **13.7643, 0.2783, 0.3528** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8.9200, 0.3647, 0.3067**, and the grayscale version is **12.4253, 0.3127, 0.3290**.

A 20% lighter version of the original color is **32.7465, 0.2868, 0.3468**, and **4.0544, 0.2616, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **13.3045, 0.2697, 0.3612**, and if you desaturate by 10%, it is **14.3051, 0.2879, 0.3449**.

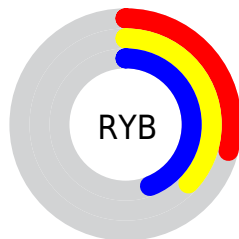
Distribution



Red (29%)

Green (44%)

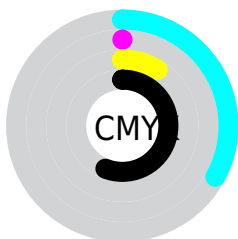
Blue (40%)



Red (29%)

Yellow (37%)

Blue (44%)

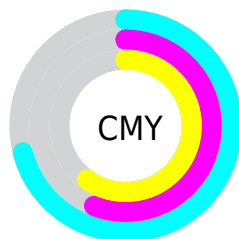


Cyan (33%)

Magenta (0%)

Yellow (9%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 13.7643, 0.2783, 0.3528 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 13.7643, 0.2783, 0.3528 by changing the saturation by 10% instead.

■ 13.7643, 0.2783,
0.3528

■ 13.7643, 0.2783,
0.3528

■ 215.7596, 0.2990,
0.3384

■ 7.9569, 0.2714,
0.3577

■ 32.6702, 0.2869,
0.3468

■ 4.0674, 0.2611,
0.3650

■ 46.5376, 0.2898,
0.3448

■ 1.7113, 0.2439,
0.3774

■ 63.8603, 0.2921,
0.3432

■ 0.4310, 0.0360,
0.5171

■ 85.0229, 0.2940,
0.3419

■ 0.0000, 0.0000,
0.0000

■ 110.4098, 0.2955,
0.3408

140.4052, 0.2969,

0.3399

175.3937, 0.2980,
0.3391

■ 13.7643, 0.2783,
0.3528

■ 13.7643, 0.2783,
0.3528

■ 13.3045, 0.2697,
0.3612

■ 14.3051, 0.2879,
0.3449

■ 12.9200, 0.2623,
0.3701

■ 14.9291, 0.2982,
0.3377

■ 12.6068, 0.2564,
0.3794


■ 15.6404, 0.3091,
0.3311

■ 12.3599, 0.2521,
0.3890

■ 16.4423, 0.3201,
0.3251


■ 12.1738, 0.2496,
0.3986

■ 17.3381, 0.3313,
0.3197

 12.0407, 0.2488,
0.4083

 18.3307, 0.3425,
0.3149

 11.9622, 0.2486,
0.4149

 19.4230, 0.3534,
0.3107

 20.6178, 0.3640,
0.3069

 21.9178, 0.3743,
0.3037

Harmonies

Analogous

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



13.7643, 0.3086, 0.3781



13.7643, 0.2783, 0.3528



13.7643, 0.2578, 0.3212

Triad

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



13.7643, 0.2783, 0.3528



13.7643, 0.2827, 0.2758



13.7643, 0.3780, 0.3590

Complementary

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



13.7643, 0.2783, 0.3528



8.9200, 0.3647, 0.3067

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.



13.7643, 0.3707, 0.3323



13.7643, 0.2783, 0.3528



13.7643, 0.3142, 0.2860

Square

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



13.7643, 0.2783, 0.3528



13.7643, 0.2602, 0.2783



13.7643, 0.3468, 0.3062



13.7643, 0.3668, 0.3798

Rectangle

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



13.7643, 0.2783, 0.3528



13.7643, 0.2518, 0.3022



13.7643, 0.3468, 0.3062



13.7643, 0.3777, 0.3504

Sweetspot

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



13.7649, 0.2783, 0.3528



27.1039, 0.3015, 0.3356



13.7715, 0.3221, 0.4177



6.4793, 0.3003, 0.3363



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



13.7649, 0.2783, 0.3528



23.9954, 0.2715, 0.3593



12.3023, 0.2656, 0.3099



3.8005, 0.3028, 0.3348



14.0915, 0.2488, 0.4156



70.0460, 0.2503, 0.4210

Inverse Universe

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



8.9200, 0.3647, 0.3067



13.8804, 0.3823, 0.3013



9.9133, 0.3787, 0.3472



3.4150, 0.3236, 0.3233



4.0891, 0.5771, 0.2953



20.2429, 0.5906, 0.3027

Previews

White Background



This preview shows how the Yxy color 13.7643, 0.2783, 0.3528 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 13.7643, 0.2783, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

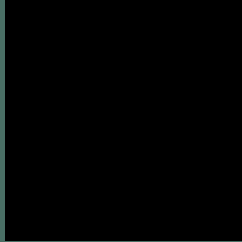
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

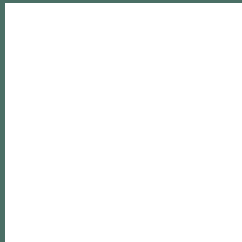
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 13.7643, 0.2783, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 13.7643, 0.2783, 0.3528.



This preview shows how white text looks on a background with the Yxy color 13.7643, 0.2783, 0.3528.

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

13.7643, 0.2783, 0.3528

Protanopia

13.6894, 0.3266, 0.3420

Deuteranopia

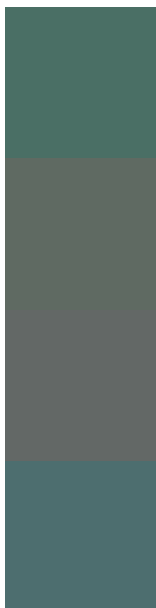
13.6043, 0.3278, 0.3228



Tritanopia

13.8413, 0.2654, 0.3108

Trichromacy



Original Color

13.7643, 0.2783, 0.3528

Protanomaly

13.6228, 0.3077, 0.3471

Deuteranomaly

13.5126, 0.3083, 0.3334

Tritanomaly

13.8773, 0.2708, 0.3266

Monochromacy



Original Color

13.7643, 0.2783, 0.3528

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.7943, 0.2984, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 13.7643, 0.2783, 0.3528 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(74, 111, 101)` looks like.

```
.text, #text, p{  
  color:rgb(74, 111, 101)  
}
```

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(74, 111, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 111, 101) }
```

Border

The CSS property to change the border of an element to Yxy 13.7643, 0.2783, 0.3528 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(74, 111, 101) }
```

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

```
.border{ border-color:rgb(74, 111, 101) }
```

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

Here you see how a box with a 4 pixel rgb(74, 111, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 111, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 111, 101);  
box-shadow:4px 4px 4px 4px rgb(74, 111,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 13.7643, 0.2783, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 111, 101) }
```

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

```
.background{ background-color: rgb(74, 111,  
101) }
```

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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