

Converting Colors

$Y_{xy}(17.8113, 0.3146, 0.3532)$

Have a look what the booklet for
Yxy(17.8113, 0.3146, 0.3532)
contains.

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Color

Yxy(17.8306, 0.3141, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	6E786C
RGB	110, 120, 108
RGB Percent	43%, 47%, 42%
CMY	0.5685, 0.5294, 0.5764
CMYK	0.08, 0.00, 0.10, 0.53
HSL	110°, 5%, 45%
HSV	110°, 10%, 47%
XYZ	15.8567, 17.8306, 16.7957
YIQ	115.6420, -2.1080, -5.8520

Conversions

Conversions Part 2

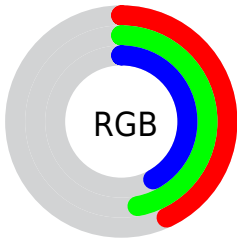
Format	Color
R_{YB}	108, 120, 118
Decimal	7239788
CIE Lab	49.29, -6.17, 5.31
CIE LCh	49, 8.140, 139.304
Yxy	17.8306, 0.3141, 0.3532
Android (android.graphics.Color)	4285429868 (0xFF6E786C)
YUV	115.6420, -3.7675, -4.9480
Hunter-Lab	42.2263, -6.8661, 5.9755

Details

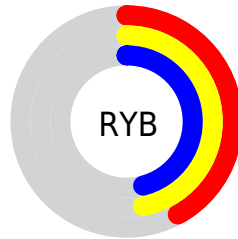
The Yxy color **17.8306, 0.3141, 0.3532** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **15.9328, 0.3111, 0.3056**, and the grayscale version is **17.3639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6896, 0.3145, 0.3476**, and **5.9958, 0.3130, 0.3646** is the 20% darker color. If you saturate the color by 10%, you get **16.9886, 0.3153, 0.3802**, and if you desaturate by 10%, it is **18.7813, 0.3127, 0.3290**.

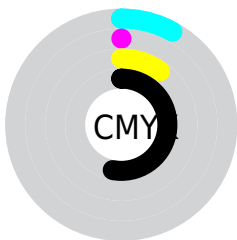
Distribution



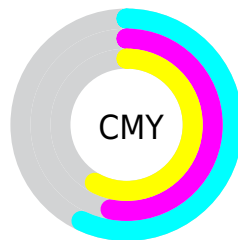
- Red (43%)
- Green (47%)
- Blue (42%)



- Red (42%)
- Yellow (47%)
- Blue (46%)



- Cyan (8%)
- Magenta (0%)
- Yellow (10%)
- Black (53%)



- Cyan (57%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8306, 0.3141, 0.3532 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 17.8306, 0.3141, 0.3532 by changing the saturation by 10% instead.

■ 17.8306, 0.3141,
0.3532

■ 17.8306, 0.3141,
0.3532

■ 239.9145, 0.3134,
0.3390

■ 10.8284, 0.3143,
0.3577

■ 39.7485, 0.3138,
0.3474

■ 5.9516, 0.3145,
0.3643

■ 55.4329, 0.3137,
0.3454

■ 2.8157, 0.3147,
0.3749

■ 74.7803, 0.3137,
0.3438

■ 1.0363, 0.3166,
0.3968

■ 98.1750, 0.3136,
0.3425

■ 0.0000, 0.0000,
0.0000

■ 126.0014, 0.3135,
0.3414

■ 158.6438, 0.3135,

0.3405

196.4867, 0.3134,
0.3397

■ 17.8306, 0.3141,
0.3532

■ 17.8306, 0.3141,
0.3532

■ 16.9886, 0.3153,
0.3802

■ 18.7813, 0.3127,
0.3290

■ 16.2493, 0.3162,
0.4098

■ 19.8422, 0.3112,
0.3075

■ 15.6094, 0.3168,
0.4414

■ 21.0173, 0.3097,
0.2886

■ 15.0646, 0.3167,
0.4740

■ 22.3100, 0.3082,
0.2720

■ 14.6103, 0.3160,
0.5061

■ 23.7235, 0.3068,
0.2575

■ 14.2415, 0.3145,
0.5358

■ 25.2607, 0.3054,
0.2449

■ 13.9526, 0.3122,
0.5611

■ 26.9247, 0.3041,
0.2338

■ 13.7374, 0.3094,
0.5802

■ 28.7182, 0.3028,
0.2241

■ 13.5828, 0.3068,
0.5946

■ 30.6439, 0.3017,
0.2156

Harmonies

Analogous

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



17.8306, 0.3293, 0.3566



17.8306, 0.3141, 0.3532



17.8306, 0.2988, 0.3428

Triad

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



17.8306, 0.3141, 0.3532



17.8306, 0.2857, 0.3055



17.8306, 0.3386, 0.3286

Complementary

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



17.8306, 0.3141, 0.3532



15.9328, 0.3111, 0.3056

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.



17.8306, 0.3264, 0.3157



17.8306, 0.3141, 0.3532



17.8306, 0.2959, 0.3025

Square

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



17.8306, 0.3141, 0.3532



17.8306, 0.2827, 0.3149



17.8306, 0.3107, 0.3063



17.8306, 0.3437, 0.3419

Rectangle

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



17.8306, 0.3141, 0.3532



17.8306, 0.2906, 0.3335



17.8306, 0.3107, 0.3063



17.8306, 0.3352, 0.3241

Sweetspot

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



17.8314, 0.3141, 0.3532



32.5004, 0.3132, 0.3362



17.9847, 0.3273, 0.3481



7.6732, 0.3133, 0.3379



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.



17.8314, 0.3141, 0.3532



31.0071, 0.3144, 0.3592



17.7858, 0.3073, 0.3455



4.4795, 0.3140, 0.3509



14.8147, 0.3066, 0.5947



70.4079, 0.3044, 0.5965

Inverse Universe

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



15.9328, 0.3111, 0.3056



26.9578, 0.3107, 0.3000



15.9854, 0.3186, 0.3130



4.0450, 0.3113, 0.3077



4.4156, 0.2800, 0.1316



20.7423, 0.2778, 0.1304

Previews

White Background



This preview shows how the Yxy color 17.8306, 0.3141, 0.3532 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 17.8306, 0.3141, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

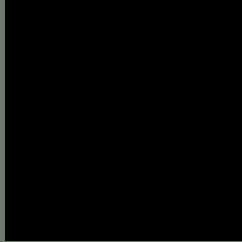
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

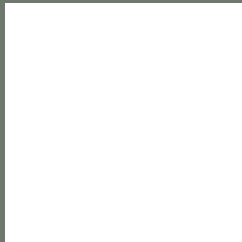
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.8306, 0.3141, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 17.8306, 0.3141, 0.3532.

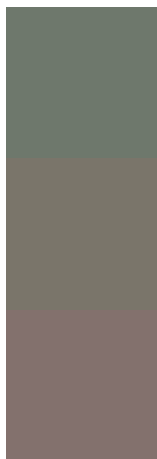


This preview shows how white text looks on a background with the Yxy color 17.8306, 0.3141, 0.3532.

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

17.8306, 0.3141, 0.3532

Protanopia

17.9008, 0.3326, 0.3504

Deuteranopia

17.7397, 0.3420, 0.3366



Tritanopia

17.7656, 0.2963, 0.3096

Trichromacy



Original Color

17.8306, 0.3141, 0.3532

Protanomaly

17.8700, 0.3258, 0.3507

Deuteranomaly

17.8059, 0.3304, 0.3426

Tritanomaly

17.7577, 0.3029, 0.3250

Monochromacy



Original Color

17.8306, 0.3141, 0.3532

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.4922, 0.3136, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8306, 0.3141, 0.3532 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(110, 120, 108)` looks like.

```
.text, #text, p{  
    color:rgb(110, 120, 108)  
}
```

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(110, 120, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 120, 108) }
```

Border

The CSS property to change the border of an element to Yxy 17.8306, 0.3141, 0.3532 is called "border". The border property can be set on classes, ids or directly on the HTML element.

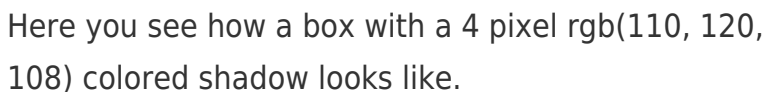
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 120, 108) }
```

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

```
.border{ border-color:rgb(110, 120, 108) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 120, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 120, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 120, 108); box-shadow:4px 4px 4px 4px rgb(110, 120, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8306, 0.3141, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 120, 108) }
```

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

```
.background{ background-color: rgb(110,  
120, 108) }
```

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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