

Converting Colors

$Y_{xy}(17.5354, 0.3235, 0.3147)$

Have a look what the booklet for
Yxy(17.5354, 0.3235, 0.3147)
contains.

Yxy(17.5336, 0.3240, 0.3141) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(17.5336, 0.3240, 0.3141)

Conversions

Conversions Part 1	
Format	Color
Hex	807078
RGB	128, 112, 120
RGB Percent	50%, 44%, 47%
CMY	0.4981, 0.5608, 0.5294
CMYK	0.00, 0.12, 0.06, 0.50
HSL	330°, 7%, 47%
HSV	330°, 12%, 50%
XYZ	18.0862, 17.5336, 20.2019
YIQ	117.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

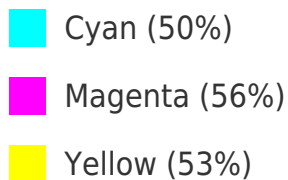
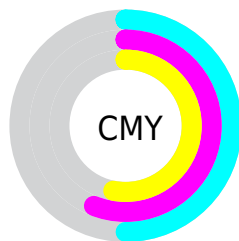
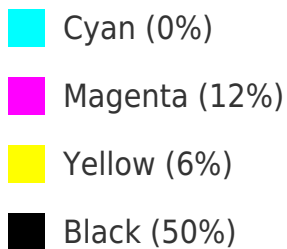
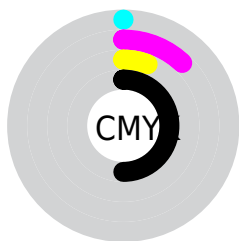
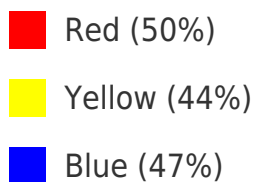
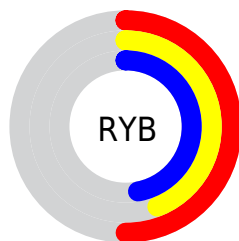
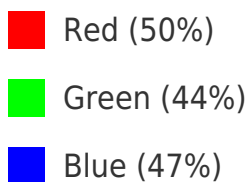
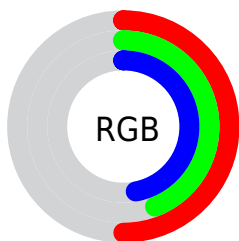
Format	Color
RYB	128, 112, 120
Decimal	8417400
CIELab	48.93, 7.74, -2.13
CIELCh	49, 8.026, 344.609
Yxy	17.5336, 0.3240, 0.3141
Android (android.graphics.Color)	4286607480 (0xFF807078)
YUV	117.6960, 1.1359, 9.0366
Hunter-Lab	41.8731, 3.8214, 0.7065

Details

The Yxy color $[17.5336, 0.3240, 0.3141]$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $[20.2385, 0.3027, 0.3444]$, and the grayscale version is $[18.0119, 0.3127, 0.3290]$.

A 20% lighter version of the original color is $[39.3532, 0.3217, 0.3182]$, and $[5.7969, 0.3287, 0.3060]$ is the 20% darker color. If you saturate the color by 10%, you get $[14.7574, 0.3350, 0.3015]$, and if you desaturate by 10%, it is $[20.7233, 0.3148, 0.3261]$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5336, 0.3240, 0.3141 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 17.5336, 0.3240, 0.3141 by changing the saturation by 10% instead.


 17.5336, 0.3240,
0.3141


 17.5336, 0.3240,
0.3141


238.2289, 0.3175,
0.3227


 10.6157, 0.3260,
0.3115


 39.2410, 0.3214,
0.3176


 5.8090, 0.3289,
0.3077


 54.7992, 0.3205,
0.3187

 2.7293, 0.3334,
0.3018


 74.0063, 0.3197,
0.3197

 0.9921, 0.3414,
0.2916

 97.2467, 0.3191,
0.3205

 0.0000, 0.7963,
0.0000


124.9047, 0.3186,
0.3212


 0.0000, 0.0000,
0.0000

157.3649, 0.3182,

0.3218

195.0114, 0.3178,
0.3223


 17.5336, 0.3240,
0.3141


 17.5336, 0.3240,
0.3141


 14.7574, 0.3350,
0.3015


 20.7233, 0.3148,
0.3261


 12.3754, 0.3482,
0.2887


 24.3401, 0.3071,
0.3374


 10.3699, 0.3636,
0.2759


 28.4002, 0.3007,
0.3479

 8.7214, 0.3815,
0.2641


 32.9179, 0.2954,
0.3576


 7.4083, 0.4017,
0.2539


 37.9071, 0.2910,
0.3665

 6.4068, 0.4239,
0.2465


 43.3808, 0.2873,
0.3747

 5.6896, 0.4475,
0.2431

 49.3519, 0.2842,
0.3822

 5.2252, 0.4712,
0.2444

 55.8324, 0.2816,
0.3890

 4.9596, 0.4894,
0.2469

 62.8343, 0.2795,
0.3954

Harmonies

Analogous

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



17.5336, 0.3083, 0.3055



17.5336, 0.3240, 0.3141



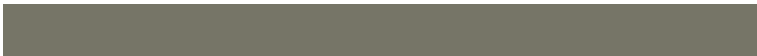
17.5336, 0.3369, 0.3265

Triad

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



17.5336, 0.3240, 0.3141



17.5336, 0.3312, 0.3562



17.5336, 0.2832, 0.3169

Complementary

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



17.5336, 0.3240, 0.3141



20.2385, 0.3027, 0.3444

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.



17.5336, 0.2890, 0.3309



17.5336, 0.3240, 0.3141



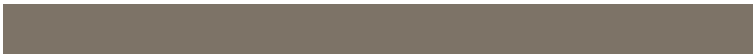
17.5336, 0.3166, 0.3540

Square

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



17.5336, 0.3240, 0.3141



17.5336, 0.3411, 0.3508



17.5336, 0.3011, 0.3446



17.5336, 0.2850, 0.3068

Rectangle

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



17.5336, 0.3240, 0.3141



17.5336, 0.3420, 0.3355



17.5336, 0.3011, 0.3446



17.5336, 0.2843, 0.3213

Sweetspot

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



17.5344, 0.3240, 0.3141



35.5418, 0.3161, 0.3242



17.1217, 0.3035, 0.2987



8.2306, 0.3167, 0.3235



65.5931, 0.3127, 0.3290



8.8982, 0.3127, 0.3290

Same Dimension

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



17.5344, 0.3240, 0.3141



29.4073, 0.3270, 0.3106



17.3541, 0.3339, 0.3286



4.3773, 0.3207, 0.3183



4.9183, 0.4893, 0.2469



0.0000, 0.0000, 0.0000

Inverse Universe

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



17.5344, 0.3240, 0.3141



29.4073, 0.3270, 0.3106



20.4340, 0.2947, 0.3295



4.3773, 0.3207, 0.3183



4.9183, 0.4893, 0.2469



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 17.5336, 0.3240, 0.3141 looks on a white background.

Color Contrast Check

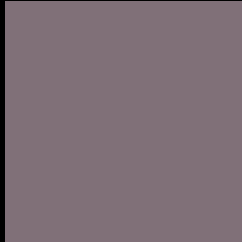
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.5336, 0.3240, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

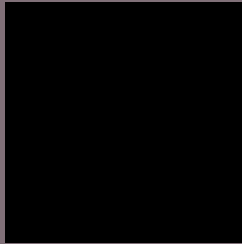
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.5336, 0.3240, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 17.5336, 0.3240, 0.3141.



This preview shows how white text looks on a background with the Yxy color 17.5336, 0.3240, 0.3141.

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

17.5336, 0.3240, 0.3141

Protanopia

17.6778, 0.3069, 0.3174

Deuteranopia

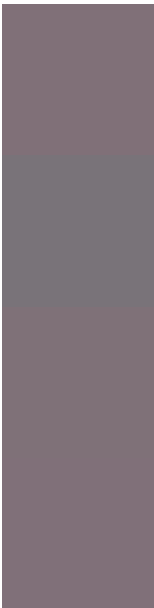
17.6019, 0.3212, 0.3159



Tritanopia

17.5580, 0.3228, 0.3123

Trichromacy



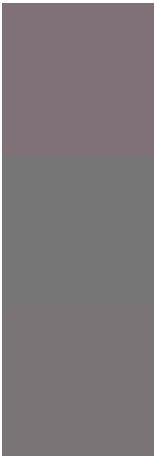
Original Color
17.5336, 0.3240, 0.3141

Protanomaly
17.7069, 0.3133, 0.3176

Deuteranomaly
17.6783, 0.3225, 0.3159

Tritanomaly
17.5580, 0.3228, 0.3123

Monochromacy



Original Color
17.5336, 0.3240, 0.3141

Achromatopsia
18.1164, 0.3127, 0.3290

Achromatomaly
17.9603, 0.3168, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5336, 0.3240, 0.3141 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(128, 112, 120) looks like.

```
.text, #text, p{  
    color:rgb(128, 112, 120)  
}
```

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(128, 112, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 112, 120) }
```

Border

The CSS property to change the border of an element to Yxy 17.5336, 0.3240, 0.3141 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(128, 112, 120) }
```

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

```
.border{ border-color:rgb(128, 112, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 112, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 112, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 112, 120);  
box-shadow:4px 4px 4px 4px rgb(128, 112,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5336, 0.3240, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 112, 120) }
```

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

```
.background{ background-color: rgb(128,  
112, 120) }
```

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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