

Converting Colors

$Y_{xy}(17.1347, 0.3128, 0.3192)$

Have a look what the booklet for
Yxy(17.1347, 0.3128, 0.3192)
contains.

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Color

Yxy(17.2181, 0.3119, 0.3193)

Conversions

Conversions Part 1	
Format	Color
Hex	767277
RGB	118, 114, 119
RGB Percent	46%, 45%, 47%
CMY	0.5372, 0.5529, 0.5334
CMYK	0.01, 0.04, 0.00, 0.53
HSL	288°, 2%, 46%
HSV	288°, 4%, 47%
XYZ	16.8191, 17.2181, 19.8874
YIQ	115.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

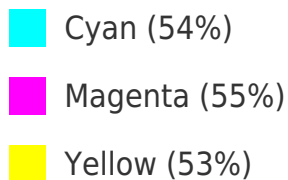
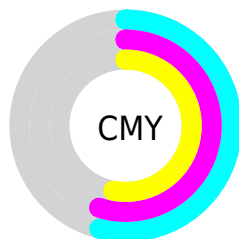
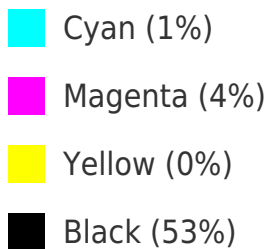
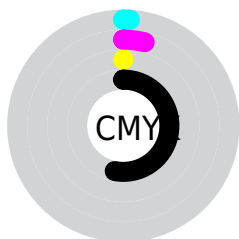
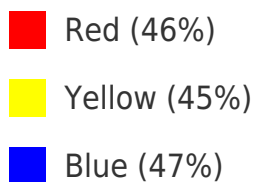
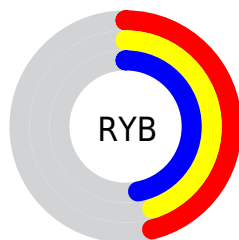
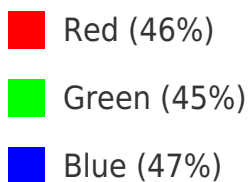
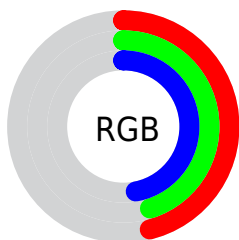
Format	Color
RYB	118, 114, 119
Decimal	7762551
CIELab	48.53, 2.55, -2.21
CIELCh	49, 3.373, 319.050
Yxy	17.2181, 0.3119, 0.3193
Android (android.graphics.Color)	4285952631 (0xFF767277)
YUV	115.7660, 1.5944, 1.9592
Hunter-Lab	41.4947, -0.2643, 0.6301

Details

The Yxy color **17.2181, 0.3119, 0.3193** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.0506, 0.3135, 0.3388**, and the grayscale version is **17.3852, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.7588, 0.3121, 0.3220**, and **5.6535, 0.3114, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **14.5450, 0.3096, 0.2953**, and if you desaturate by 10%, it is **20.2460, 0.3137, 0.3420**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2181, 0.3119, 0.3193 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 17.2181, 0.3119, 0.3193 by changing the saturation by 10% instead.


 17.2181, 0.3119,
0.3193


 17.2181, 0.3119,
0.3193


236.4261, 0.3124,
0.3249


 10.3901, 0.3117,
0.3175


 38.7004, 0.3121,
0.3216


 5.6584, 0.3115,
0.3150


 54.1235, 0.3122,
0.3224

 2.6385, 0.3111,
0.3111

 73.1804, 0.3122,
0.3230

 0.9460, 0.3103,
0.3040

 96.2555, 0.3123,
0.3235


 0.0000, 0.0000,
0.0000


123.7333, 0.3123,
0.3240


155.9980, 0.3123,


0.3243


193.4342, 0.3124,
0.3246


 17.2181, 0.3119,
0.3193


 17.2181, 0.3119,
0.3193


 14.5450, 0.3096,
0.2953


 20.2460, 0.3137,
0.3420


 12.2111, 0.3069,
0.2705


 23.6392, 0.3152,
0.3632


 10.2028, 0.3037,
0.2453

 27.4104, 0.3163,
0.3828

 8.5049, 0.3000,
0.2206

 31.5712, 0.3171,
0.4007

 7.1008, 0.2958,
0.1972

 36.1325, 0.3178,
0.4171

■ 5.9726, 0.2913,
0.1760

■ 41.1050, 0.3182,
0.4319

■ 5.1001, 0.2864,
0.1579

■ 46.4987, 0.3185,
0.4453

■ 4.4605, 0.2814,
0.1437

■ 52.3235, 0.3186,
0.4574

■ 4.0209, 0.2764,
0.1334

■ 58.5888, 0.3187,
0.4683

Harmonies

Analogous

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



17.2181, 0.3056, 0.3178



17.2181, 0.3119, 0.3193



17.2181, 0.3184, 0.3234

Triad

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



17.2181, 0.3119, 0.3193



17.2181, 0.3243, 0.3388



17.2181, 0.3021, 0.3290

Complementary

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



17.2181, 0.3119, 0.3193



18.0506, 0.3135, 0.3388

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.



17.2181, 0.3070, 0.3348



17.2181, 0.3119, 0.3193



17.2181, 0.3198, 0.3405

Square

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



17.2181, 0.3119, 0.3193



17.2181, 0.3256, 0.3346



17.2181, 0.3134, 0.3390



17.2181, 0.3000, 0.3233

Rectangle

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



17.2181, 0.3119, 0.3193



17.2181, 0.3221, 0.3270



17.2181, 0.3134, 0.3390



17.2181, 0.3034, 0.3310

Sweetspot

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



17.2188, 0.3119, 0.3193



32.4872, 0.3125, 0.3267



17.1704, 0.3067, 0.3211



7.7087, 0.3125, 0.3268



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.



17.2188, 0.3119, 0.3193



30.3657, 0.3117, 0.3171



17.2522, 0.3150, 0.3222



3.9553, 0.3116, 0.3164



4.0307, 0.2733, 0.1279



19.2828, 0.2707, 0.1265

Inverse Universe

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



17.1936, 0.3181, 0.3271



30.3112, 0.3193, 0.3267



18.0188, 0.3105, 0.3359



3.9478, 0.3197, 0.3265



4.2330, 0.6007, 0.3083



20.5283, 0.6122, 0.3146

Previews

White Background



This preview shows how the Yxy color 17.2181, 0.3119, 0.3193 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 17.2181, 0.3119, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

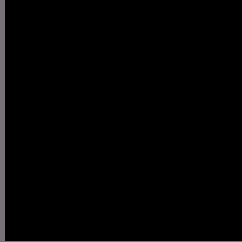
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

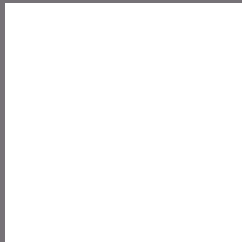
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.2181, 0.3119, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 17.2181, 0.3119, 0.3193.



This preview shows how white text looks on a background with the Yxy color 17.2181, 0.3119, 0.3193.

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

17.2181, 0.3119, 0.3193

Protanopia

17.3064, 0.3092, 0.3212

Deuteranopia

17.2053, 0.3200, 0.3157



Tritanopia

17.1373, 0.3096, 0.3117

Trichromacy



Original Color

17.2181, 0.3119, 0.3193

Protanomaly

17.3753, 0.3105, 0.3212

Deuteranomaly

17.2797, 0.3172, 0.3175

Tritanomaly

17.1127, 0.3108, 0.3136

Monochromacy



Original Color

17.2181, 0.3119, 0.3193

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.3277, 0.3129, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2181, 0.3119, 0.3193 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(118, 114, 119) looks like.

```
.text, #text, p{  
    color:rgb(118, 114, 119)  
}
```

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(118, 114, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 114, 119) }
```

Border

The CSS property to change the border of an element to Yxy 17.2181, 0.3119, 0.3193 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(118, 114, 119) }
```

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

```
.border{ border-color:rgb(118, 114, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 114, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 114, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 114, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 114,  
119) }
```

Background

The CSS property to change the background color of an element to Yxy 17.2181, 0.3119, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 114, 119) }
```

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

```
.background{ background-color: rgb(118,  
114, 119) }
```

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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