

Converting Colors

$Y_{xy}(17.5395, 0.3119, 0.3198)$

Have a look what the booklet for
Yxy(17.5395, 0.3119, 0.3198)
contains.

Yxy(17.5395, 0.3119, 0.3194)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.5395, 0.3119, 0.3194)

Conversions

Conversions Part 1

Format	Color
Hex	777378
RGB	119, 115, 120
RGB Percent	47%, 45%, 47%
CMY	0.5333, 0.5490, 0.5295
CMYK	0.01, 0.04, 0.00, 0.53
HSL	288°, 2%, 46%
HSV	288°, 4%, 47%
XYZ	17.1276, 17.5395, 20.2468
YIQ	116.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

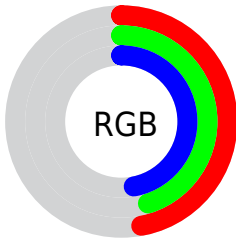
Format	Color
RYB	119, 115, 120
Decimal	7828344
CIELab	48.93, 2.53, -2.20
CIELCh	49, 3.357, 319.007
Yxy	17.5395, 0.3119, 0.3194
Android (android.graphics.Color)	4286018424 (0xFF777378)
YUV	116.7660, 1.5944, 1.9592
Hunter-Lab	41.8802, -0.2896, 0.6527

Details

The Yxy color **17.5395, 0.3119, 0.3194** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.3795, 0.3135, 0.3387**, and the grayscale version is **17.7079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.2739, 0.3121, 0.3221**, and **5.8218, 0.3114, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **14.8135, 0.3096, 0.2954**, and if you desaturate by 10%, it is **20.6274, 0.3137, 0.3421**.

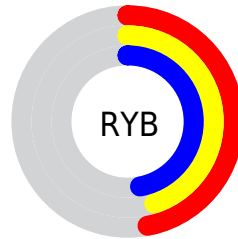
Distribution



Red (47%)

Green (45%)

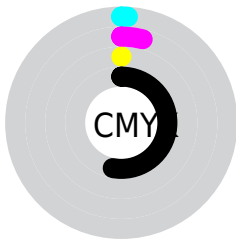
Blue (47%)



Red (47%)

Yellow (45%)

Blue (47%)

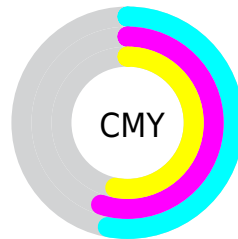


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (53%)



Cyan (53%)


Magenta (55%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.5395, 0.3119, 0.3194 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 17.5395, 0.3119, 0.3194 by changing the saturation by 10% instead.


 17.5395, 0.3119,
0.3194


 17.5395, 0.3119,
0.3194


238.2625, 0.3124,
0.3250


 10.6199, 0.3117,
0.3177


 39.2511, 0.3121,
0.3216


 5.8119, 0.3115,
0.3152

 54.8118, 0.3122,
0.3224

 2.7310, 0.3111,
0.3113

 74.0217, 0.3122,
0.3230

 0.9930, 0.3104,
0.3045

 97.2652, 0.3123,
0.3236

 0.0000, 0.0000,
0.0000

124.9266, 0.3123,
0.3240

157.3903, 0.3123,

0.3244

195.0408, 0.3124,
0.3247

■ 17.5395, 0.3119,
0.3194

■ 17.5395, 0.3119,
0.3194

■ 14.8135, 0.3096,
0.2954

■ 20.6274, 0.3137,
0.3421

■ 12.4335, 0.3069,
0.2705

■ 24.0880, 0.3152,
0.3633

■ 10.3856, 0.3036,
0.2454

■ 27.9341, 0.3163,
0.3829

■ 8.6544, 0.2999,
0.2206

■ 32.1777, 0.3172,
0.4008

■ 7.2229, 0.2957,
0.1971

■ 36.8298, 0.3178,
0.4172

■ 6.0727, 0.2911,
0.1759

■ 41.9014, 0.3183,
0.4320

■ 5.1833, 0.2862,
0.1578

■ 47.4027, 0.3185,
0.4454

■ 4.5314, 0.2811,
0.1435

■ 53.3437, 0.3187,
0.4575

■ 4.0839, 0.2761,
0.1332

■ 59.7342, 0.3187,
0.4684

Harmonies

Analogous

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



17.5395, 0.3057, 0.3179



17.5395, 0.3119, 0.3194



17.5395, 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.



17.5395, 0.3119, 0.3194



17.5395, 0.3241, 0.3387



17.5395, 0.3022, 0.3290

Complementary

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



17.5395, 0.3119, 0.3194



18.3795, 0.3135, 0.3387

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.



17.5395, 0.3070, 0.3347



17.5395, 0.3119, 0.3194



17.5395, 0.3197, 0.3403

Square

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



17.5395, 0.3119, 0.3194



17.5395, 0.3255, 0.3345



17.5395, 0.3134, 0.3389



17.5395, 0.3001, 0.3233

Rectangle

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



17.5395, 0.3119, 0.3194



17.5395, 0.3220, 0.3270



17.5395, 0.3134, 0.3389



17.5395, 0.3035, 0.3310

Sweetspot

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



17.5403, 0.3119, 0.3194



32.4870, 0.3125, 0.3267



17.4920, 0.3068, 0.3212



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.



17.5403, 0.3119, 0.3194



30.3647, 0.3117, 0.3171



17.5744, 0.3150, 0.3223



4.2933, 0.3116, 0.3163



4.2012, 0.2729, 0.1277



19.6809, 0.2703, 0.1263

Inverse Universe

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



17.5154, 0.3180, 0.3271



30.3115, 0.3193, 0.3267



18.3470, 0.3105, 0.3358



4.2853, 0.3197, 0.3265



4.4252, 0.6008, 0.3083



21.0096, 0.6120, 0.3145

Previews

White Background



This preview shows how the Yxy color 17.5395, 0.3119, 0.3194 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 17.5395, 0.3119, 0.3194 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

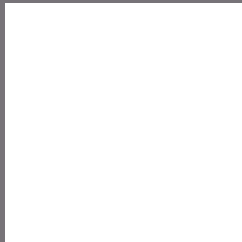
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.5395, 0.3119, 0.3194

Background



This preview shows how black text looks on a background with the Yxy color 17.5395, 0.3119, 0.3194.



This preview shows how white text looks on a background with the Yxy color 17.5395, 0.3119, 0.3194.

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

17.5395, 0.3119, 0.3194

Protanopia

17.6288, 0.3093, 0.3212

Deuteranopia

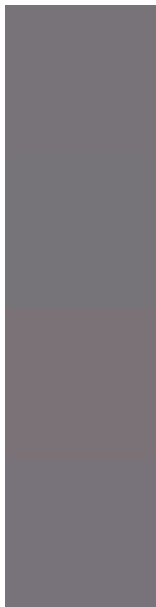
17.6019, 0.3212, 0.3159



Tritanopia

17.4578, 0.3097, 0.3118

Trichromacy



Original Color

17.5395, 0.3119, 0.3194

Protanomaly

17.6984, 0.3105, 0.3213

Deuteranomaly

17.6016, 0.3172, 0.3176

Tritanomaly

17.4328, 0.3109, 0.3137

Monochromacy



Original Color

17.5395, 0.3119, 0.3194

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.6503, 0.3129, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.5395, 0.3119, 0.3194 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(119, 115, 120)` looks like.

```
.text, #text, p{  
    color:rgb(119, 115, 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(119, 115, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 115, 120) }
```

Border

The CSS property to change the border of an element to Yxy 17.5395, 0.3119, 0.3194 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(119, 115, 120) }
```

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

```
.border{ border-color:rgb(119, 115, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 115, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 115, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 115, 120);  
box-shadow:4px 4px 4px 4px rgb(119, 115,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 17.5395, 0.3119, 0.3194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 115, 120) }
```

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

```
.background{ background-color: rgb(119,  
115, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor