

Converting Colors

$Yxy(18.0405, 0.3107, 0.3244)$

Have a look what the booklet for
Yxy(18.0405, 0.3107, 0.3244)
contains.

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Color

Yxy(17.9302, 0.3105, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	767578
RGB	118, 117, 120
RGB Percent	46%, 46%, 47%
CMY	0.5371, 0.5412, 0.5294
CMYK	0.02, 0.03, 0.00, 0.53
HSL	261°, 1%, 46%
HSV	261°, 3%, 47%
XYZ	17.2256, 17.9302, 20.3213
YIQ	117.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

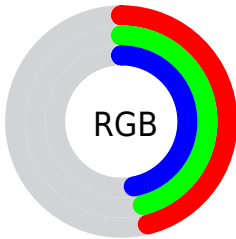
Format	Color
R_{YB}	118, 117, 120
Decimal	7763320
CIE _{Lab}	49.41, 1.01, -1.52
CIE _{LCh}	49, 1.821, 303.620
Yxy	17.9302, 0.3105, 0.3232
Android (android.graphics.Color)	4285953400 (0xFF767578)
YUV	117.6410, 1.1630, 0.3148
Hunter-Lab	42.3441, -1.4880, 1.1871

Details

The Yxy color **17.9302, 0.3105, 0.3232** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.6357, 0.3149, 0.3348**, and the grayscale version is **17.9967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9005, 0.3111, 0.3248**, and **6.0262, 0.3092, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **14.7844, 0.3008, 0.2986**, and if you desaturate by 10%, it is **21.4818, 0.3189, 0.3455**.

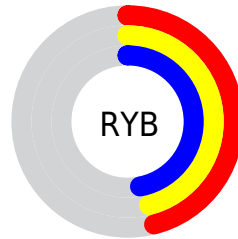
Distribution



Red (46%)

Green (46%)

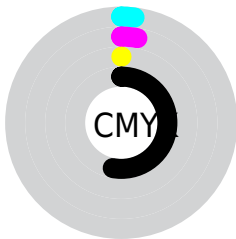
Blue (47%)



Red (46%)

Yellow (46%)

Blue (47%)

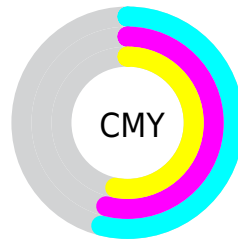


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.9302, 0.3105, 0.3232 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 17.9302, 0.3105, 0.3232 by changing the saturation by 10% instead.

■ 17.9302, 0.3105,
0.3232

■ 17.9302, 0.3105,
0.3232

240.4773, 0.3118,
0.3266

■ 10.8999, 0.3101,
0.3222

■ 39.9184, 0.3110,
0.3246

■ 5.9996, 0.3095,
0.3207

■ 55.6450, 0.3112,
0.3250

■ 2.8448, 0.3086,
0.3183

■ 75.0392, 0.3113,
0.3254

■ 1.0513, 0.3069,
0.3142

98.4853, 0.3115,
0.3257

■ 0.0000, 0.0000,
0.0000

126.3678, 0.3116,
0.3260

159.0710, 0.3117,

0.3262

196.9794, 0.3117,
0.3264

■ 17.9302, 0.3105,
0.3232

■ 17.9302, 0.3105,
0.3232

■ 14.7844, 0.3008,
0.2986

■ 21.4818, 0.3189,
0.3455

■ 12.0276, 0.2896,
0.2717

■ 25.4507, 0.3260,
0.3655

■ 9.6448, 0.2771,
0.2430

■ 29.8510, 0.3321,
0.3833

■ 7.6196, 0.2631,
0.2130

■ 34.6953, 0.3373,
0.3991

■ 5.9340, 0.2481,
0.1827

■ 39.9956, 0.3416,
0.4131

■ 4.5687, 0.2324,
0.1534

■ 45.7636, 0.3453,
0.4255

■ 3.5022, 0.2168,
0.1268

■ 52.0105, 0.3484,
0.4366

■ 2.7102, 0.2020,
0.1044

■ 58.7471, 0.3510,
0.4463

■ 2.1640, 0.1887,
0.0873

■ 65.9840, 0.3533,
0.4550

Harmonies

Analogous

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



17.9302, 0.3076, 0.3232



17.9302, 0.3105, 0.3232



17.9302, 0.3140, 0.3247

Triad

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



17.9302, 0.3105, 0.3232



17.9302, 0.3195, 0.3332



17.9302, 0.3082, 0.3306

Complementary

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



17.9302, 0.3105, 0.3232



18.6357, 0.3149, 0.3348

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.



17.9302, 0.3114, 0.3334



17.9302, 0.3105, 0.3232



17.9302, 0.3179, 0.3349

Square

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



17.9302, 0.3105, 0.3232



17.9302, 0.3192, 0.3305



17.9302, 0.3149, 0.3349



17.9302, 0.3063, 0.3275

Rectangle

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



17.9302, 0.3105, 0.3232



17.9302, 0.3163, 0.3264



17.9302, 0.3149, 0.3349



17.9302, 0.3092, 0.3316

Sweetspot

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



17.9310, 0.3105, 0.3232



32.4168, 0.3118, 0.3266



18.3303, 0.3091, 0.3271



7.6933, 0.3119, 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.



17.9310, 0.3105, 0.3232



31.2042, 0.3100, 0.3219



18.0344, 0.3124, 0.3232



4.3898, 0.3095, 0.3205



1.9968, 0.1793, 0.0762



9.0943, 0.1745, 0.0735

Inverse Universe

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



18.0450, 0.3142, 0.3252



31.4499, 0.3146, 0.3244



18.5328, 0.3131, 0.3348



4.4310, 0.3149, 0.3235



4.9620, 0.4277, 0.2130



23.5041, 0.4348, 0.2169

Previews

White Background



This preview shows how the Yxy color 17.9302, 0.3105, 0.3232 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 17.9302, 0.3105, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

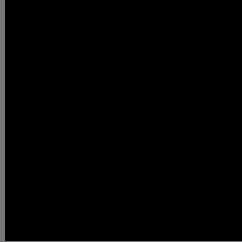
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

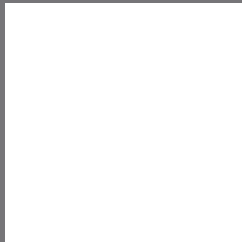
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.9302, 0.3105, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 17.9302, 0.3105, 0.3232.



This preview shows how white text looks on a background with the Yxy color 17.9302, 0.3105, 0.3232.

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

17.9302, 0.3105, 0.3232

Protanopia

18.0006, 0.3117, 0.3232

Deuteranopia

17.9271, 0.3211, 0.3160



Tritanopia

17.8934, 0.3059, 0.3118

Trichromacy



Original Color

17.9302, 0.3105, 0.3232

Protanomaly

18.0006, 0.3117, 0.3232

Deuteranomaly

17.9270, 0.3171, 0.3177

Tritanomaly

17.8428, 0.3083, 0.3156

Monochromacy



Original Color

17.9302, 0.3105, 0.3232

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

18.1403, 0.3115, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9302, 0.3105, 0.3232 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, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(118, 117, 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(118, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 117, 120) }
```

Border

The CSS property to change the border of an element to Yxy 17.9302, 0.3105, 0.3232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

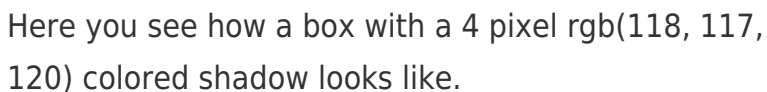
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(118, 117, 120) }
```

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

```
.border{ border-color:rgb(118, 117, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(118, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 117, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 117, 120); box-shadow:4px 4px 4px 4px rgb(118, 117, 120) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9302, 0.3105, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 117, 120) }
```

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

```
.background{ background-color: rgb(118,  
117, 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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