

Converting Colors

$Y_{xy}(28.6591, 0.3550, 0.3659)$

Have a look what the booklet for
Yxy(28.6591, 0.3550, 0.3659)
contains.

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Color

Yxy(28.7762, 0.3549, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	A09078
RGB	160, 144, 120
RGB Percent	63%, 56%, 47%
CMY	0.3726, 0.4353, 0.5293
CMYK	0.00, 0.10, 0.25, 0.37
HSL	36°, 17%, 55%
HSV	36°, 25%, 63%
XYZ	27.8578, 28.7762, 21.8608
YIQ	146.0480, 17.2400, -4.0720

Conversions

Conversions Part 2

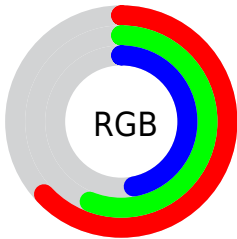
Format	Color
R_{YB}	147, 160, 120
Decimal	10522744
CIE _{Lab}	60.58, 2.03, 14.93
CIE _{LCh}	61, 15.066, 82.269
Yxy	28.7762, 0.3549, 0.3666
Android (android.graphics.Color)	4288712824 (0xFFA09078)
YUV	146.0480, -12.8417, 12.2359
Hunter-Lab	53.6435, -1.1784, 13.3885

Details

The Yxy color **28.7762, 0.3549, 0.3666** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1350, 0.2734, 0.2883**, and the grayscale version is **28.8137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.8138, 0.3463, 0.3597**, and **11.6485, 0.3703, 0.3808** is the 20% darker color. If you saturate the color by 10%, you get **26.5390, 0.3749, 0.3823**, and if you desaturate by 10%, it is **31.1906, 0.3366, 0.3511**.

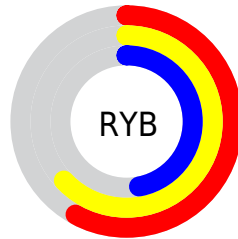
Distribution



Red (63%)

Green (56%)

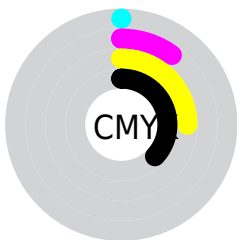
Blue (47%)



Red (58%)

Yellow (63%)

Blue (47%)

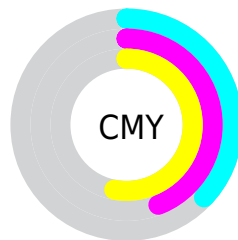


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (37%)



Cyan (37%)

Magenta (44%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7762, 0.3549, 0.3666 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 28.7762, 0.3549, 0.3666 by changing the saturation by 10% instead.

 28.7762, 0.3549,
0.3666


 28.7762, 0.3549,
0.3666


296.1575, 0.3321,
0.3465


 18.9116, 0.3612,
0.3721


 57.7213, 0.3462,
0.3590

 11.6064, 0.3696,
0.3794


 77.5706, 0.3430,
0.3562

 6.4763, 0.3816,
0.3896


 101.5169, 0.3404,
0.3539

 3.1368, 0.3995,
0.4046

129.9447, 0.3382,
0.3519

 1.2036, 0.4565,
0.4557

163.2382, 0.3364,
0.3503

 0.0646, 0.6318,
0.3682

201.7819, 0.3348,

 0.0000, 0.0000,

0.3488

0.0000

245.9602, 0.3333,
0.3476

■ 28.7762, 0.3549,
0.3666

■ 28.7762, 0.3549,
0.3666

■ 26.5390, 0.3749,
0.3823

■ 31.1906, 0.3366,
0.3511

■ 24.4700, 0.3965,
0.3976

■ 33.7829, 0.3202,
0.3361

■ 22.5651, 0.4191,
0.4116

■ 36.5591, 0.3056,
0.3220

■ 20.8188, 0.4421,
0.4234

■ 39.5235, 0.2926,
0.3088

■ 19.2246, 0.4643,
0.4317

■ 42.6801, 0.2811,
0.2967

■ 17.7756, 0.4846,
0.4356

■ 46.0330, 0.2709,
0.2854

■ 16.4636, 0.5020,
0.4345

■ 49.5861, 0.2619,
0.2751

■ 15.8477, 0.5104,
0.4330

■ 53.3431, 0.2540,
0.2657

■ 56.7145, 0.2514,
0.2663

Harmonies

Analogous

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



28.7762, 0.3620, 0.3506



28.7762, 0.3549, 0.3666



28.7762, 0.3364, 0.3730

Triad

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



28.7762, 0.3549, 0.3666



28.7762, 0.2719, 0.3256



28.7762, 0.3118, 0.2950

Complementary

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



28.7762, 0.3549, 0.3666



24.1350, 0.2734, 0.2883

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.



28.7762, 0.2882, 0.2880



28.7762, 0.3549, 0.3666



28.7762, 0.2658, 0.3045

Square

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



28.7762, 0.3549, 0.3666



28.7762, 0.2886, 0.3488



28.7762, 0.2717, 0.2912



28.7762, 0.3365, 0.3101

Rectangle

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



28.7762, 0.3549, 0.3666



28.7762, 0.3204, 0.3702



28.7762, 0.2717, 0.2912



28.7762, 0.3035, 0.2916

Sweetspot

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



28.7775, 0.3549, 0.3666



60.3168, 0.3236, 0.3393



22.6860, 0.3436, 0.3039



13.1719, 0.3245, 0.3401



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



28.7775, 0.3549, 0.3666



49.9532, 0.3659, 0.3754



33.5556, 0.3453, 0.3906



7.2752, 0.3270, 0.3424



12.4369, 0.5093, 0.4338



0.3035, 0.4656, 0.4685

Inverse Universe

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



24.1350, 0.2734, 0.2883



40.0430, 0.2640, 0.2776



20.2607, 0.2752, 0.2609



6.8485, 0.2988, 0.3152



4.9087, 0.1694, 0.1297



0.1681, 0.1910, 0.2074

Previews

White Background



This preview shows how the Yxy color 28.7762, 0.3549, 0.3666 looks on a white background.

Color Contrast Check

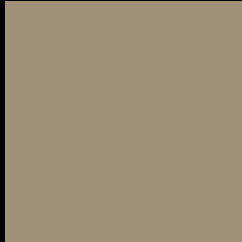
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 28.7762, 0.3549, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

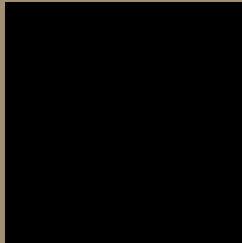
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7762, 0.3549, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 28.7762, 0.3549, 0.3666.



This preview shows how white text looks on a background with the Yxy color 28.7762, 0.3549, 0.3666.

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

28.7762, 0.3549, 0.3666

Protanopia

28.8083, 0.3465, 0.3689

Deuteranopia

28.8652, 0.3653, 0.3594



Tritanopia

28.8830, 0.3276, 0.3125

Trichromacy



Original Color

28.7762, 0.3549, 0.3666

Protanomaly

28.6992, 0.3490, 0.3671

Deuteranomaly

28.8335, 0.3615, 0.3612

Tritanomaly

28.7297, 0.3379, 0.3306

Monochromacy



Original Color

28.7762, 0.3549, 0.3666

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.6363, 0.3270, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7762, 0.3549, 0.3666 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(160, 144, 120)` looks like.

```
.text, #text, p{  
    color:rgb(160, 144, 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(160, 144, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 144, 120) }
```

Border

The CSS property to change the border of an element to Yxy 28.7762, 0.3549, 0.3666 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(160, 144, 120) }
```

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

```
.border{ border-color:rgb(160, 144, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 144, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 144, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 144, 120);  
box-shadow:4px 4px 4px 4px rgb(160, 144,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7762, 0.3549, 0.3666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 144, 120) }
```

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

```
.background{ background-color: rgb(160,  
144, 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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