

Converting Colors

$Y_{xy}(30.3349, 0.3365, 0.3277)$

Have a look what the booklet for
Yxy(30.3349, 0.3365, 0.3277)
contains.

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Color

Yxy(30.2063, 0.3364, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A79091
RGB	167, 144, 145
RGB Percent	65%, 56%, 57%
CMY	0.3452, 0.4353, 0.4314
CMYK	0.00, 0.14, 0.13, 0.35
HSL	357°, 12%, 61%
HSV	357°, 14%, 65%
XYZ	31.0177, 30.2063, 30.9808
YIQ	150.9910, 13.3870, 5.1870

Conversions

Conversions Part 2

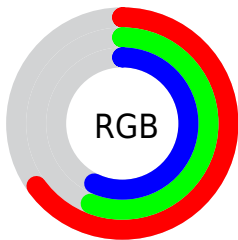
Format	Color
R _Y B	167, 144, 145
Decimal	10981521
CIE Lab	61.83, 8.76, 2.65
CIE LCh	62, 9.149, 16.823
Yxy	30.2063, 0.3364, 0.3276
Android (android.graphics.Color)	4289171601 (0xFFA79091)
YUV	150.9910, -2.9536, 14.0399
Hunter-Lab	54.9603, 4.5589, 5.0507

Details

The Yxy color **30.2063, 0.3364, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3158, 0.2930, 0.3304**, and the grayscale version is **30.9519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0413, 0.3311, 0.3279**, and **12.4765, 0.3443, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **25.0585, 0.3587, 0.3265**, and if you desaturate by 10%, it is **36.1744, 0.3185, 0.3286**.

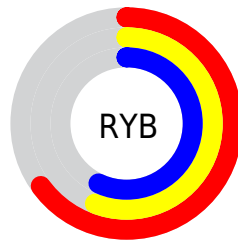
Distribution



Red (65%)

Green (56%)

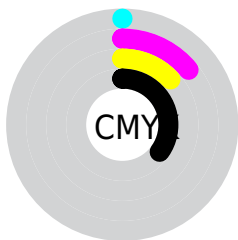
Blue (57%)



Red (65%)

Yellow (56%)

Blue (57%)

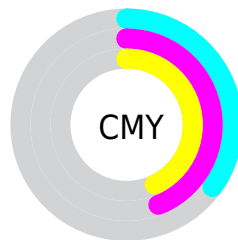


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (35%)



Cyan (35%)


Magenta (44%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.2063, 0.3364, 0.3276 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 30.2063, 0.3364, 0.3276 by changing the saturation by 10% instead.


 30.2063, 0.3364,
0.3276


 30.2063, 0.3364,
0.3276


302.8649, 0.3237,
0.3284

 19.9952, 0.3399,
0.3273


 59.9883, 0.3315,
0.3279

 12.3916, 0.3447,
0.3269


 80.3280, 0.3298,
0.3281

 7.0109, 0.3514,
0.3264


104.8127, 0.3283,
0.3282

 3.4689, 0.3618,
0.3254

133.8267, 0.3271,
0.3282

 1.3812, 0.3797,
0.3234

167.7546, 0.3260,
0.3283

 0.2028, 0.6303,
0.3144

206.9807, 0.3251,

 0.0000, 0.0000,

0.3284

0.0000

251.8893, 0.3244,
0.3284

■ 30.2063, 0.3364,
0.3276

■ 30.2063, 0.3364,
0.3276

■ 25.0585, 0.3587,
0.3265

■ 36.1744, 0.3185,
0.3286

■ 20.6914, 0.3863,
0.3254

■ 42.9921, 0.3041,
0.3296

■ 17.0680, 0.4199,
0.3244

■ 50.6924, 0.2925,
0.3305

■ 14.1469, 0.4597,
0.3237

■ 59.3052, 0.2831,
0.3313

■ 11.8827, 0.5044,
0.3234

■ 68.8591, 0.2754,
0.3320

■ 10.2244, 0.5504,
0.3237

■ 79.3813, 0.2690,
0.3326

■ 9.1138, 0.5920,
0.3249

■ 86.9540, 0.2638,
0.3289

■ 8.4811, 0.6223,
0.3268

■ 8.2296, 0.6350,
0.3272

Harmonies

Analogous

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



30.2063, 0.3245, 0.3156



30.2063, 0.3364, 0.3276



30.2063, 0.3418, 0.3402

Triad

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



30.2063, 0.3364, 0.3276



30.2063, 0.3153, 0.3523



30.2063, 0.2867, 0.3074

Complementary

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



30.2063, 0.3364, 0.3276



36.3158, 0.2930, 0.3304

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.



30.2063, 0.2845, 0.3167



30.2063, 0.3364, 0.3276



30.2063, 0.3007, 0.3430

Square

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



30.2063, 0.3364, 0.3276



30.2063, 0.3294, 0.3549



30.2063, 0.2895, 0.3298



30.2063, 0.2958, 0.3040

Rectangle

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



30.2063, 0.3364, 0.3276



30.2063, 0.3410, 0.3475



30.2063, 0.2895, 0.3298



30.2063, 0.2852, 0.3099

Sweetspot

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



30.2076, 0.3364, 0.3276



64.4405, 0.3190, 0.3286



30.8284, 0.3131, 0.2957



14.2346, 0.3202, 0.3285



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.2076, 0.3364, 0.3276



50.6726, 0.3438, 0.3272



33.4545, 0.3353, 0.3443



7.5473, 0.3279, 0.3281



6.3005, 0.6342, 0.3267



0.1549, 0.6085, 0.3126

Inverse Universe

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



30.2076, 0.3364, 0.3276



50.6726, 0.3438, 0.3272



32.7143, 0.2918, 0.3132



7.5473, 0.3279, 0.3281



6.3005, 0.6342, 0.3267



0.1549, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 30.2063, 0.3364, 0.3276 looks on a white background.

Color Contrast Check

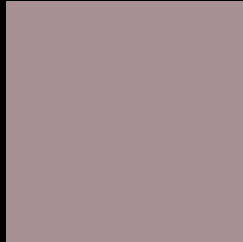
Large Text (above 18pt) WCAG AA × Fail

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 30.2063, 0.3364, 0.3276 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 ✓ Pass

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

Yxy 30.2063, 0.3364, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 30.2063, 0.3364, 0.3276.



This preview shows how white text looks on a background with the Yxy color 30.2063, 0.3364, 0.3276.

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

30.2063, 0.3364, 0.3276

Protanopia

30.3084, 0.3167, 0.3306

Deuteranopia

30.4021, 0.3351, 0.3291



Tritanopia

30.3028, 0.3284, 0.3129

Trichromacy



Original Color

30.2063, 0.3364, 0.3276

Protanomaly

30.1421, 0.3232, 0.3290

Deuteranomaly

30.4021, 0.3351, 0.3291

Tritanomaly

30.2041, 0.3315, 0.3173

Monochromacy



Original Color

30.2063, 0.3364, 0.3276

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.5178, 0.3211, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.2063, 0.3364, 0.3276 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(167, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(167, 144, 145)  
}
```

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(167, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 144, 145) }
```

Border

The CSS property to change the border of an element to Yxy 30.2063, 0.3364, 0.3276 is called "border". The border property can be set on classes, ids or directly on the HTML element.

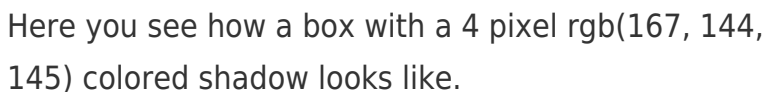
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(167, 144, 145) }
```

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

```
.border{ border-color:rgb(167, 144, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(167, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 144, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 144, 145); box-shadow:4px 4px 4px 4px rgb(167, 144, 145) }
```


Background

The CSS property to change the background color of an element to Yxy 30.2063, 0.3364, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 144, 145) }
```

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

```
.background{ background-color: rgb(167,  
144, 145) }
```

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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