

Converting Colors

$Yxy(27.9834, 0.3154, 0.3408)$

Have a look what the booklet for
Yxy(27.9834, 0.3154, 0.3408)
contains.

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Color

$\text{Yxy}(28.0555, 0.3152, 0.3421)$

Conversions

Conversions Part 1

Format	Color
Hex	8D928A
RGB	141, 146, 138
RGB Percent	55%, 57%, 54%
CMY	0.4471, 0.4274, 0.4587
CMYK	0.03, 0.00, 0.05, 0.43
HSL	98°, 4%, 56%
HSV	98°, 5%, 57%
XYZ	25.8494, 28.0555, 28.1047
YIQ	143.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

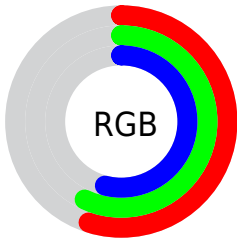
Format	Color
R _Y B	138, 146, 143
Decimal	9278090
CIE Lab	59.94, -3.38, 3.59
CIE LCh	60, 4.926, 133.254
Yxy	28.0555, 0.3152, 0.3421
Android (android.graphics.Color)	4287468170 (0xFF8D928A)
YUV	143.5930, -2.7573, -2.2741
Hunter-Lab	52.9674, -5.5805, 5.6177

Details

The Yxy color **28.0555, 0.3152, 0.3421** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1020, 0.3101, 0.3160**, and the grayscale version is **27.7291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.6722, 0.3153, 0.3400**, and **11.2945, 0.3164, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **26.8896, 0.3197, 0.3679**, and if you desaturate by 10%, it is **29.3475, 0.3107, 0.3187**.

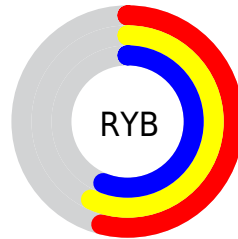
Distribution



Red (55%)

Green (57%)

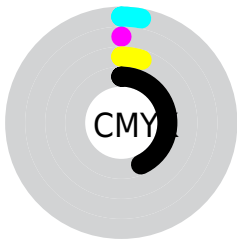
Blue (54%)



Red (54%)

Yellow (57%)

Blue (56%)

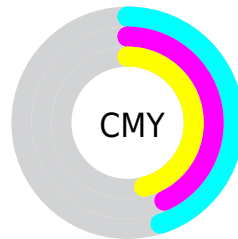


Cyan (3%)

Magenta (0%)

Yellow (5%)

Black (43%)



Cyan (45%)


Magenta (43%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.0555, 0.3152, 0.3421 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 28.0555, 0.3152, 0.3421 by changing the saturation by 10% instead.


 28.0555, 0.3152,
0.3421


 28.0555, 0.3152,
0.3421


292.7320, 0.3139,
0.3350


 18.3675, 0.3156,
0.3441


 56.5730, 0.3147,
0.3393

 11.2142, 0.3160,
0.3469


 76.1714, 0.3145,
0.3384

 6.2111, 0.3167,
0.3509

 99.8419, 0.3144,
0.3375

 2.9738, 0.3177,
0.3571

127.9691, 0.3142,
0.3369

 1.1181, 0.3194,
0.3684

160.9373, 0.3141,
0.3363

 0.0000, 0.0000,
0.0000

199.1309, 0.3140,

0.3358

242.9344, 0.3140,
0.3353

■ 28.0555, 0.3152,
0.3421

■ 28.0555, 0.3152,
0.3421

■ 26.8896, 0.3197,
0.3679

■ 29.3475, 0.3107,
0.3187

■ 25.8422, 0.3239,
0.3959

■ 30.7658, 0.3062,
0.2977

■ 24.9106, 0.3276,
0.4257

■ 32.3149, 0.3019,
0.2790

■ 24.0905, 0.3306,
0.4564

■ 33.9982, 0.2978,
0.2623

■ 23.3771, 0.3324,
0.4869

■ 35.8191, 0.2939,
0.2476

■ 22.7655, 0.3328,
0.5158

■ 37.7807, 0.2903,
0.2346

■ 22.2503, 0.3315,
0.5412

■ 39.8860, 0.2869,
0.2231

■ 21.8253, 0.3286,
0.5618

■ 42.1379, 0.2838,
0.2129

■ 21.4829, 0.3242,
0.5766

■ 43.5749, 0.2913,
0.2152

Harmonies

Analogous

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



28.0555, 0.3228, 0.3431



28.0555, 0.3152, 0.3421



28.0555, 0.3070, 0.3374

Triad

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



28.0555, 0.3152, 0.3421



28.0555, 0.2979, 0.3176



28.0555, 0.3251, 0.3275

Complementary

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



28.0555, 0.3152, 0.3421



26.1020, 0.3101, 0.3160

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.



28.0555, 0.3183, 0.3208



28.0555, 0.3152, 0.3421



28.0555, 0.3026, 0.3151

Square

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



28.0555, 0.3152, 0.3421



28.0555, 0.2971, 0.3231



28.0555, 0.3101, 0.3164



28.0555, 0.3286, 0.3346

Rectangle

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



28.0555, 0.3152, 0.3421



28.0555, 0.3023, 0.3329



28.0555, 0.3101, 0.3164



28.0555, 0.3232, 0.3251

Sweetspot

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



28.0567, 0.3152, 0.3421



50.2458, 0.3136, 0.3338



27.5758, 0.3209, 0.3370



11.1843, 0.3136, 0.3335



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



28.0567, 0.3152, 0.3421



49.1307, 0.3160, 0.3462



27.8277, 0.3112, 0.3407



6.6192, 0.3161, 0.3468



18.7961, 0.3225, 0.5821



0.2458, 0.3568, 0.5549

Inverse Universe

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



26.1020, 0.3101, 0.3160



44.6786, 0.3093, 0.3119



26.3410, 0.3143, 0.3176



6.0005, 0.3091, 0.3114



3.8357, 0.2317, 0.1050



0.0638, 0.2735, 0.1280

Previews

White Background



This preview shows how the Yxy color 28.0555, 0.3152, 0.3421 looks on a white background.

Color Contrast Check

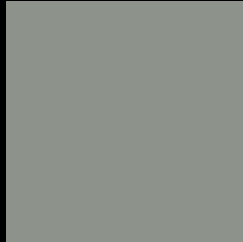
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0555, 0.3152, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

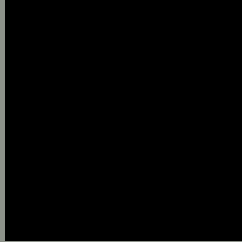
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

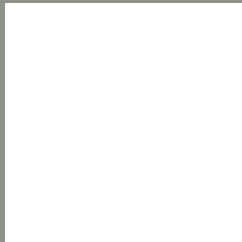
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.0555, 0.3152, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 28.0555, 0.3152, 0.3421.



This preview shows how white text looks on a background with the Yxy color 28.0555, 0.3152, 0.3421.

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

28.0555, 0.3152, 0.3421

Protanopia

28.1422, 0.3250, 0.3403

Deuteranopia

27.8029, 0.3360, 0.3291



Tritanopia

27.9408, 0.3022, 0.3099

Trichromacy



Original Color

28.0555, 0.3152, 0.3421

Protanomaly

28.1679, 0.3217, 0.3420

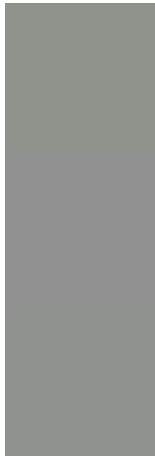
Deuteranomaly

27.9824, 0.3277, 0.3338

Tritanomaly

27.9561, 0.3068, 0.3210

Monochromacy



Original Color

28.0555, 0.3152, 0.3421

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.0434, 0.3135, 0.3339

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.0555, 0.3152, 0.3421 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(141, 146, 138)` looks like.

```
.text, #text, p{  
    color:rgb(141, 146, 138)  
}
```

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(141, 146, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 146, 138) }
```

Border

The CSS property to change the border of an element to Yxy 28.0555, 0.3152, 0.3421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

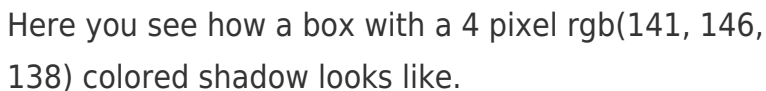
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(141, 146, 138) }
```

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

```
.border{ border-color:rgb(141, 146, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(141, 146, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 146, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 146, 138); box-shadow:4px 4px 4px 4px rgb(141, 146, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 28.0555, 0.3152, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 146, 138) }
```

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

```
.background{ background-color: rgb(141,  
146, 138) }
```

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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