

Converting Colors

$Y_{xy}(28.4269, 0.3256, 0.3227)$

Have a look what the booklet for
Yxy(28.4269, 0.3256, 0.3227)
contains.

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Color

Yxy(28.2932, 0.3250, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	9D8D92
RGB	157, 141, 146
RGB Percent	62%, 55%, 57%
CMY	0.3843, 0.4471, 0.4275
CMYK	0.00, 0.10, 0.07, 0.38
HSL	341°, 8%, 58%
HSV	341°, 10%, 62%
XYZ	28.6190, 28.2932, 31.1463
YIQ	146.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

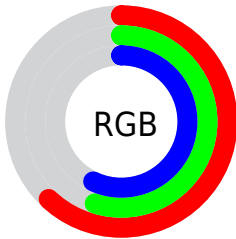
Format	Color
RYB	157, 141, 146
Decimal	10325394
CIELab	60.15, 6.88, -0.48
CIELCh	60, 6.899, 356.002
Yxy	28.2932, 0.3250, 0.3213
Android (android.graphics.Color)	4288515474 (0xFF9D8D92)
YUV	146.3540, -0.1745, 9.3365
Hunter-Lab	53.1914, 2.9551, 2.5166

Details

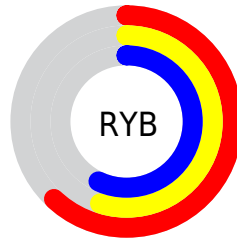
The Yxy color $28.2932, 0.3250, 0.3213$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $32.0474, 0.3018, 0.3368$, and the grayscale version is $28.8967, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1974, 0.3226, 0.3232$, and $11.3909, 0.3292, 0.3179$ is the 20% darker color. If you saturate the color by 10%, you get $23.6673, 0.3397, 0.3133$, and if you desaturate by 10%, it is $33.6097, 0.3129, 0.3289$.

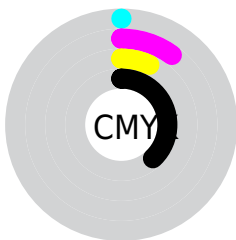
Distribution



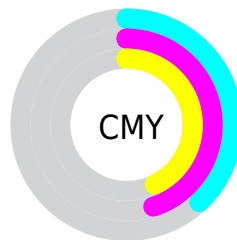
- Red (62%)
- Green (55%)
- Blue (57%)



- Red (62%)
- Yellow (55%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.2932, 0.3250, 0.3213 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 28.2932, 0.3250, 0.3213 by changing the saturation by 10% instead.

 28.2932, 0.3250,
0.3213


 28.2932, 0.3250,
0.3213

293.8653, 0.3184,
0.3255


 18.5468, 0.3269,
0.3201


 56.9522, 0.3224,
0.3229

 11.3433, 0.3294,
0.3186


 76.6336, 0.3215,
0.3235

 6.2982, 0.3330,
0.3163


 100.3955, 0.3208,
0.3239

 3.0273, 0.3385,
0.3129

128.6221, 0.3201,
0.3244

 1.1460, 0.3483,
0.3068

161.6981, 0.3196,
0.3247

 0.0169, 0.7275,
0.0668

200.0077, 0.3191,

 0.0000, 0.0000,

0.3250

0.0000

243.9353, 0.3187,
0.3252

■ 28.2932, 0.3250,
0.3213

■ 28.2932, 0.3250,
0.3213

■ 23.6673, 0.3397,
0.3133

■ 33.6097, 0.3129,
0.3289

■ 19.7001, 0.3577,
0.3050

■ 39.6399, 0.3030,
0.3359

■ 16.3623, 0.3793,
0.2968

■ 46.4102, 0.2949,
0.3423

■ 13.6213, 0.4051,
0.2891

■ 53.9447, 0.2883,
0.3482

■ 11.4414, 0.4349,
0.2829

■ 62.2662, 0.2828,
0.3536

■ 9.7830, 0.4683,
0.2792

■ 71.3969, 0.2782,
0.3585

■ 8.6014, 0.5034,
0.2791

■ 81.3578, 0.2744,
0.3630

■ 7.8441, 0.5378,
0.2834

■ 84.5373, 0.2697,
0.3546

■ 7.3910, 0.5688,
0.2907

■ 85.1714, 0.2646,
0.3421

Harmonies

Analogous

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



28.2932, 0.3139, 0.3136



28.2932, 0.3250, 0.3213



28.2932, 0.3328, 0.3311

Triad

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



28.2932, 0.3250, 0.3213



28.2932, 0.3225, 0.3489



28.2932, 0.2908, 0.3170

Complementary

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



28.2932, 0.3250, 0.3213



32.0474, 0.3018, 0.3368

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.



28.2932, 0.2930, 0.3264



28.2932, 0.3250, 0.3213



28.2932, 0.3112, 0.3451

Square

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



28.2932, 0.3250, 0.3213



28.2932, 0.3314, 0.3471



28.2932, 0.3004, 0.3368



28.2932, 0.2943, 0.3110

Rectangle

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



28.2932, 0.3250, 0.3213



28.2932, 0.3351, 0.3375



28.2932, 0.3004, 0.3368



28.2932, 0.2909, 0.3198

Sweetspot

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



28.2944, 0.3250, 0.3213



57.3311, 0.3161, 0.3268



28.1543, 0.3085, 0.3043



12.4497, 0.3170, 0.3262



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



28.2944, 0.3250, 0.3213



48.8813, 0.3278, 0.3197



29.0193, 0.3297, 0.3336



6.6786, 0.3238, 0.3220



6.0081, 0.5667, 0.2896



0.1146, 0.4656, 0.2338

Inverse Universe

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



28.2944, 0.3250, 0.3213



48.8813, 0.3278, 0.3197



31.2333, 0.2974, 0.3244



6.6786, 0.3238, 0.3220



6.0081, 0.5667, 0.2896



0.1146, 0.4656, 0.2338

Previews

White Background



This preview shows how the Yxy color 28.2932, 0.3250, 0.3213 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 28.2932, 0.3250, 0.3213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

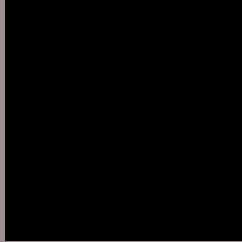
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.2932, 0.3250, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 28.2932, 0.3250, 0.3213.



This preview shows how white text looks on a background with the Yxy color 28.2932, 0.3250, 0.3213.

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

28.2932, 0.3250, 0.3213

Protanopia

28.2877, 0.3120, 0.3226

Deuteranopia

28.1006, 0.3262, 0.3198



Tritanopia

28.2596, 0.3211, 0.3122

Trichromacy



Original Color

28.2932, 0.3250, 0.3213

Protanomaly

28.3308, 0.3173, 0.3227

Deuteranomaly

28.1006, 0.3262, 0.3198

Tritanomaly

28.1952, 0.3231, 0.3152

Monochromacy



Original Color

28.2932, 0.3250, 0.3213

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.5059, 0.3171, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.2932, 0.3250, 0.3213 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(157, 141, 146)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 146)  
}
```

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(157, 141, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 146) }
```

Border

The CSS property to change the border of an element to Yxy 28.2932, 0.3250, 0.3213 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(157, 141, 146) }
```

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

```
.border{ border-color:rgb(157, 141, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 141, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 141, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 141, 146);  
box-shadow:4px 4px 4px 4px rgb(157, 141,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 28.2932, 0.3250, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 146) }
```

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

```
.background{ background-color: rgb(157,  
141, 146) }
```

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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