

Converting Colors

$Y_{xy}(28.7652, 0.3235, 0.3250)$

Have a look what the booklet for
Yxy(28.7652, 0.3235, 0.3250)
contains.

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Color

Yxy(28.7882, 0.3236, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	9C8F92
RGB	156, 143, 146
RGB Percent	61%, 56%, 57%
CMY	0.3883, 0.4392, 0.4274
CMYK	0.00, 0.08, 0.06, 0.39
HSL	346°, 6%, 59%
HSV	346°, 8%, 61%
XYZ	28.7172, 28.7882, 31.2375
YIQ	147.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

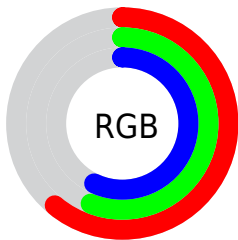
Format	Color
RYB	156, 143, 146
Decimal	10260370
CIELab	60.59, 5.36, 0.15
CIELCh	61, 5.364, 1.621
Yxy	28.7882, 0.3236, 0.3244
Android (android.graphics.Color)	4288450450 (0xFF9C8F92)
YUV	147.2290, -0.6059, 7.6922
Hunter-Lab	53.6546, 1.6417, 3.0399

Details

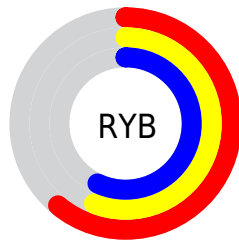
The Yxy color $28.7882, 0.3236, 0.3244$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $31.9083, 0.3028, 0.3337$, and the grayscale version is $29.2771, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.9515, 0.3216, 0.3255$, and $11.6765, 0.3272, 0.3223$ is the 20% darker color. If you saturate the color by 10%, you get $24.0729, 0.3394, 0.3185$, and if you desaturate by 10%, it is $34.1964, 0.3107, 0.3299$.

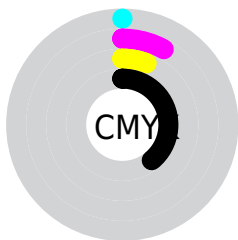
Distribution



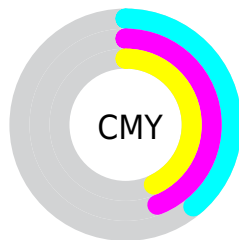
- Red (61%)
- Green (56%)
- Blue (57%)



- Red (61%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (39%)





- Cyan (39%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.7882, 0.3236, 0.3244 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 28.7882, 0.3236, 0.3244 by changing the saturation by 10% instead.


 28.7882, 0.3236,
0.3244


 28.7882, 0.3236,
0.3244


296.2143, 0.3177,
0.3269

 18.9207, 0.3252,
0.3237


 57.7404, 0.3213,
0.3254

 11.6130, 0.3274,
0.3228


 77.5939, 0.3205,
0.3257

 6.4807, 0.3306,
0.3214


 101.5447, 0.3199,
0.3260

 3.1395, 0.3355,
0.3193

129.9774, 0.3193,
0.3262

 1.2050, 0.3441,
0.3156

163.2763, 0.3188,
0.3264

 0.0658, 0.6040,
0.2054

201.8259, 0.3184,

 0.0000, 0.0000,

0.3266

0.0000

246.0104, 0.3180,
0.3268

■ 28.7882, 0.3236,
0.3244

■ 28.7882, 0.3236,
0.3244

■ 24.0729, 0.3394,
0.3185

■ 34.1964, 0.3107,
0.3299

■ 20.0187, 0.3588,
0.3124

■ 40.3201, 0.3002,
0.3350

■ 16.5972, 0.3825,
0.3063

■ 47.1853, 0.2916,
0.3396

■ 13.7762, 0.4108,
0.3006

■ 54.8159, 0.2846,
0.3439

■ 11.5207, 0.4440,
0.2961

■ 63.2345, 0.2788,
0.3477

■ 9.7923, 0.4812,
0.2934

■ 72.4628, 0.2740,
0.3512

■ 8.5475, 0.5204,
0.2937

■ 82.5218, 0.2699,
0.3544

■ 7.7358, 0.5581,
0.2977

■ 84.9965, 0.2647,
0.3435

■ 7.2624, 0.5908,
0.3046

■ 85.7415, 0.2592,
0.3299

Harmonies

Analogous

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



28.7882, 0.3154, 0.3180



28.7882, 0.3236, 0.3244



28.7882, 0.3289, 0.3321

Triad

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



28.7882, 0.3236, 0.3244



28.7882, 0.3188, 0.3441



28.7882, 0.2959, 0.3186

Complementary

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



28.7882, 0.3236, 0.3244



31.9083, 0.3028, 0.3337

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.



28.7882, 0.2968, 0.3256



28.7882, 0.3236, 0.3244



28.7882, 0.3099, 0.3405

Square

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



28.7882, 0.3236, 0.3244



28.7882, 0.3261, 0.3436



28.7882, 0.3019, 0.3336



28.7882, 0.2994, 0.3146

Rectangle

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



28.7882, 0.3236, 0.3244



28.7882, 0.3301, 0.3370



28.7882, 0.3019, 0.3336



28.7882, 0.2957, 0.3207

Sweetspot

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



28.7895, 0.3236, 0.3244



58.3194, 0.3152, 0.3279



28.8156, 0.3105, 0.3090



12.8599, 0.3151, 0.3280



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.



28.7895, 0.3236, 0.3244



50.5964, 0.3263, 0.3233



29.7515, 0.3261, 0.3344



6.6700, 0.3250, 0.3239



5.9312, 0.5942, 0.3047



0.1118, 0.4980, 0.2517

Inverse Universe

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



28.7895, 0.3236, 0.3244



50.5964, 0.3263, 0.3233



30.8650, 0.3002, 0.3236



6.6700, 0.3250, 0.3239



5.9312, 0.5942, 0.3047



0.1118, 0.4980, 0.2517

Previews

White Background



This preview shows how the Yxy color 28.7882, 0.3236, 0.3244 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 28.7882, 0.3236, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

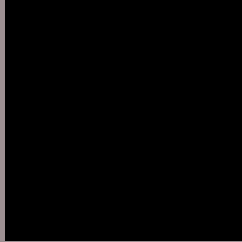
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.7882, 0.3236, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 28.7882, 0.3236, 0.3244.



This preview shows how white text looks on a background with the Yxy color 28.7882, 0.3236, 0.3244.

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

28.7882, 0.3236, 0.3244

Protanopia

28.6533, 0.3139, 0.3258

Deuteranopia

28.8949, 0.3281, 0.3229



Tritanopia

28.8140, 0.3178, 0.3122

Trichromacy



Original Color

28.7882, 0.3236, 0.3244

Protanomaly

28.6324, 0.3172, 0.3243

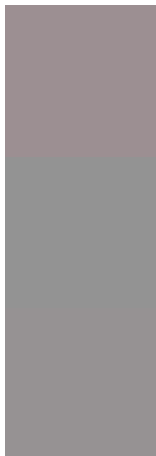
Deuteranomaly

28.7923, 0.3270, 0.3229

Tritanomaly

28.7161, 0.3208, 0.3167

Monochromacy



Original Color

28.7882, 0.3236, 0.3244

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.1484, 0.3159, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.7882, 0.3236, 0.3244 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(156, 143, 146)` looks like.

```
.text, #text, p{  
    color:rgb(156, 143, 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(156, 143, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 143, 146) }
```

Border

The CSS property to change the border of an element to Yxy 28.7882, 0.3236, 0.3244 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(156, 143, 146) }
```

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

```
.border{ border-color:rgb(156, 143, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 143, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 143, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 143, 146);  
box-shadow:4px 4px 4px 4px rgb(156, 143,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 28.7882, 0.3236, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 143, 146) }
```

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

```
.background{ background-color: rgb(156,  
143, 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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