

Converting Colors

$Y_{xy}(29.8222, 0.3257, 0.3725)$

Have a look what the booklet for
Yxy(29.8222, 0.3257, 0.3725)
contains.

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Color

Yxy(29.9515, 0.3258, 0.3733)

Conversions

Conversions Part 1

Format	Color
Hex	8D997E
RGB	141, 153, 126
RGB Percent	55%, 60%, 49%
CMY	0.4471, 0.4000, 0.5059
CMYK	0.08, 0.00, 0.18, 0.40
HSL	87°, 12%, 55%
HSV	87°, 18%, 60%
XYZ	26.1404, 29.9515, 24.1425
YIQ	146.3340, 1.5150, -10.9410

Conversions

Conversions Part 2

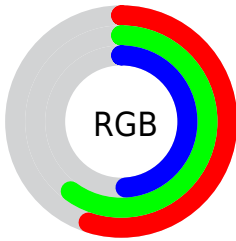
Format	Color
R_{YB}	126, 153, 138
Decimal	9279870
CIE Lab	61.61, -9.38, 12.76
CIE LCh	62, 15.838, 126.308
Yxy	29.9515, 0.3258, 0.3733
Android (android.graphics.Color)	4287469950 (0xFF8D997E)
YUV	146.3340, -10.0247, -4.6779
Hunter-Lab	54.7280, -10.5149, 12.1546

Details

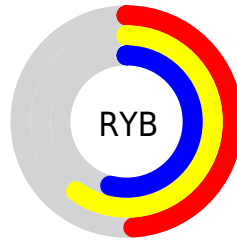
The Yxy color $29.9515, 0.3258, 0.3733$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.6273, 0.2978, 0.2843$, and the grayscale version is $28.9303, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.4824, 0.3233, 0.3632$, and $12.2627, 0.3302, 0.3892$ is the 20% darker color. If you saturate the color by 10%, you get $29.0089, 0.3330, 0.4007$, and if you desaturate by 10%, it is $30.9938, 0.3184, 0.3475$.

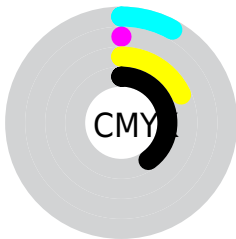
Distribution



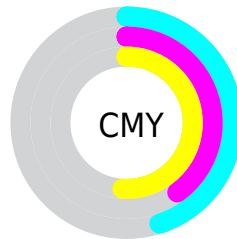
- Red (55%)
- Green (60%)
- Blue (49%)



- Red (49%)
- Yellow (60%)
- Blue (54%)



- Cyan (8%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)





- Cyan (45%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.9515, 0.3258, 0.3733 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 29.9515, 0.3258, 0.3733 by changing the saturation by 10% instead.


 29.9515, 0.3258,
0.3733


 29.9515, 0.3258,
0.3733


301.6783, 0.3190,
0.3491


 19.8018, 0.3275,
0.3801


 59.5855, 0.3233,
0.3639

 12.2510, 0.3298,
0.3895


 79.8385, 0.3224,
0.3606

 6.9149, 0.3328,
0.4029


 104.2281, 0.3216,
0.3578

 3.4089, 0.3369,
0.4239

133.1387, 0.3209,
0.3555

 1.3488, 0.3506,
0.4719

166.9546, 0.3203,
0.3535

 0.1785, 0.0000,
1.0000

206.0602, 0.3198,

 0.0000, 0.0000,

0.3518

0.0000

250.8400, 0.3194,
0.3504

■ 29.9515, 0.3258,
0.3733

■ 29.9515, 0.3258,
0.3733

■ 29.0089, 0.3330,
0.4007

■ 30.9938, 0.3184,
0.3475

■ 28.1588, 0.3396,
0.4291

■ 32.1351, 0.3110,
0.3236

■ 27.3988, 0.3452,
0.4576

■ 33.3797, 0.3038,
0.3017

■ 26.7250, 0.3494,
0.4851

■ 34.7306, 0.2969,
0.2819

■ 26.1331, 0.3518,
0.5104

■ 36.1904, 0.2904,
0.2640

■ 25.6185, 0.3521,
0.5320

■ 37.7620, 0.2843,
0.2480

■ 25.1757, 0.3501,
0.5490

■ 39.4478, 0.2786,
0.2337

■ 24.7958, 0.3463,
0.5613

■ 41.2502, 0.2733,
0.2210

■ 24.7122, 0.3453,
0.5640

■ 42.5981, 0.2742,
0.2168

Harmonies

Analogous

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



29.9515, 0.3487, 0.3726



29.9515, 0.3258, 0.3733



29.9515, 0.3001, 0.3606

Triad

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



29.9515, 0.3258, 0.3733



29.9515, 0.2655, 0.2959



29.9515, 0.3477, 0.3187

Complementary

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



29.9515, 0.3258, 0.3733



22.6273, 0.2978, 0.2843

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.



29.9515, 0.3241, 0.3002



29.9515, 0.3258, 0.3733



29.9515, 0.2770, 0.2869

Square

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



29.9515, 0.3258, 0.3733



29.9515, 0.2660, 0.3145



29.9515, 0.2981, 0.2887



29.9515, 0.3618, 0.3402

Rectangle

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



29.9515, 0.3258, 0.3733



29.9515, 0.2848, 0.3465



29.9515, 0.2981, 0.2887



29.9515, 0.3405, 0.3120

Sweetspot

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



29.9528, 0.3258, 0.3733



56.0053, 0.3165, 0.3412



26.3715, 0.3424, 0.3480



12.3382, 0.3170, 0.3428



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.9528, 0.3258, 0.3733



52.9807, 0.3285, 0.3835



28.8648, 0.3123, 0.3752



7.0861, 0.3196, 0.3514



20.4424, 0.3458, 0.5636



0.3272, 0.3775, 0.5385

Inverse Universe

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



22.6273, 0.2978, 0.2843



37.4743, 0.2940, 0.2740



23.8215, 0.3126, 0.2863



6.1541, 0.3054, 0.3065



2.9382, 0.1943, 0.0844



0.0650, 0.2430, 0.1112

Previews

White Background



This preview shows how the Yxy color 29.9515, 0.3258, 0.3733 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 29.9515, 0.3258, 0.3733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

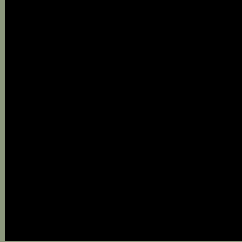
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

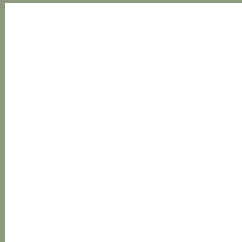
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.9515, 0.3258, 0.3733

Background



This preview shows how black text looks on a background with the Yxy color 29.9515, 0.3258, 0.3733.



This preview shows how white text looks on a background with the Yxy color 29.9515, 0.3258, 0.3733.

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

29.9515, 0.3258, 0.3733

Protanopia

29.8031, 0.3461, 0.3667

Deuteranopia

29.7495, 0.3581, 0.3516



Tritanopia

29.8289, 0.2995, 0.3103

Trichromacy



Original Color

29.9515, 0.3258, 0.3733

Protanomaly

29.8727, 0.3380, 0.3689

Deuteranomaly

29.7707, 0.3456, 0.3602

Tritanomaly

29.8801, 0.3085, 0.3322

Monochromacy



Original Color

29.9515, 0.3258, 0.3733

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.2883, 0.3171, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.9515, 0.3258, 0.3733 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, 153, 126)` looks like.

```
.text, #text, p{  
    color:rgb(141, 153, 126)  
}
```

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, 153, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 153, 126) }
```

Border

The CSS property to change the border of an element to Yxy 29.9515, 0.3258, 0.3733 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, 153, 126) }
```

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

```
.border{ border-color:rgb(141, 153, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 153, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 153, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 153, 126); box-shadow:4px 4px 4px 4px rgb(141, 153, 126) }
```


Background

The CSS property to change the background color of an element to Yxy 29.9515, 0.3258, 0.3733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 153, 126) }
```

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

```
.background{ background-color: rgb(141,  
153, 126) }
```

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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