

Converting Colors

$Yxy(29.8627, 0.3279, 0.3147)$

Have a look what the booklet for
Yxy(29.8627, 0.3279, 0.3147)
contains.

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Color

Yxy(30.0189, 0.3283, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	A68F98
RGB	166, 143, 152
RGB Percent	65%, 56%, 60%
CMY	0.3490, 0.4392, 0.4040
CMYK	0.00, 0.14, 0.08, 0.35
HSL	337°, 11%, 61%
HSV	337°, 14%, 65%
XYZ	31.2170, 30.0189, 33.8509
YIQ	150.9030, 10.8190, 7.6750

Conversions

Conversions Part 2

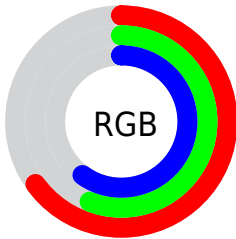
Format	Color
RYB	166, 143, 152
Decimal	10915736
CIELab	61.67, 10.19, -1.57
CIELCh	62, 10.309, 351.223
Yxy	30.0189, 0.3283, 0.3157
Android (android.graphics.Color)	4289105816 (0xFFA68F98)
YUV	150.9030, 0.5408, 13.2401
Hunter-Lab	54.7895, 5.8209, 1.7212

Details

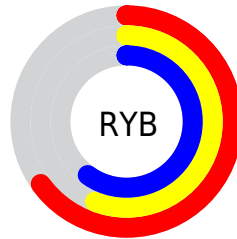
The Yxy color $30.0189, 0.3283, 0.3157$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $35.5515, 0.2993, 0.3427$, and the grayscale version is $30.8989, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.7609, 0.3251, 0.3189$, and $12.3457, 0.3338, 0.3122$ is the 20% darker color. If you saturate the color by 10%, you get $25.0818, 0.3424, 0.3055$, and if you desaturate by 10%, it is $35.7246, 0.3166, 0.3254$.

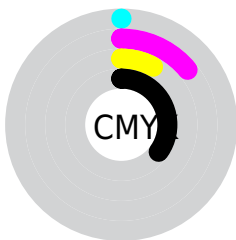
Distribution



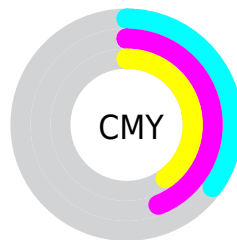
- Red (65%)
- Green (56%)
- Blue (60%)



- Red (65%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (8%)
- Black (35%)





- Cyan (35%)
- Magenta (44%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0189, 0.3283, 0.3157 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 30.0189, 0.3283, 0.3157 by changing the saturation by 10% instead.

 30.0189, 0.3283,
0.3157


 30.0189, 0.3283,
0.3157

301.9925, 0.3200,
0.3228


 19.8529, 0.3306,
0.3138


 59.6921, 0.3251,
0.3184

 12.2882, 0.3337,
0.3112


 79.9681, 0.3240,
0.3194

 6.9403, 0.3380,
0.3075


 104.3828, 0.3230,
0.3202

 3.4248, 0.3446,
0.3020

133.3208, 0.3222,
0.3209

 1.3573, 0.3559,
0.2928

167.1664, 0.3215,
0.3215

 0.1849, 0.4610,
0.2009

206.3039, 0.3209,

 0.0000, 0.0000,

0.3220

0.0000

251.1178, 0.3204,
0.3224

■ 30.0189, 0.3283,
0.3157

■ 30.0189, 0.3283,
0.3157

■ 25.0818, 0.3424,
0.3055

■ 35.7246, 0.3166,
0.3254

■ 20.8762, 0.3595,
0.2951

■ 42.2258, 0.3071,
0.3345

■ 17.3681, 0.3798,
0.2850

■ 49.5531, 0.2992,
0.3429

■ 14.5192, 0.4037,
0.2758

■ 57.7343, 0.2927,
0.3506

■ 12.2873, 0.4309,
0.2686

■ 66.7958, 0.2873,
0.3577

■ 10.6254, 0.4607,
0.2645

■ 76.7630, 0.2829,
0.3641

■ 9.4796, 0.4917,
0.2647

■ 84.9449, 0.2788,
0.3656

■ 8.7854, 0.5218,
0.2700

■ 85.5062, 0.2738,
0.3537

■ 8.4884, 0.5396,
0.2746

■ 86.1007, 0.2689,
0.3422

Harmonies

Analogous

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



30.0189, 0.3117, 0.3054



30.0189, 0.3283, 0.3157



30.0189, 0.3409, 0.3295

Triad

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



30.0189, 0.3283, 0.3157



30.0189, 0.3294, 0.3584



30.0189, 0.2807, 0.3131

Complementary

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



30.0189, 0.3283, 0.3157



35.5515, 0.2993, 0.3427

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.



30.0189, 0.2852, 0.3275



30.0189, 0.3283, 0.3157



30.0189, 0.3131, 0.3543

Square

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



30.0189, 0.3283, 0.3157



30.0189, 0.3415, 0.3543



30.0189, 0.2970, 0.3428



30.0189, 0.2845, 0.3036

Rectangle

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



30.0189, 0.3283, 0.3157



30.0189, 0.3452, 0.3390



30.0189, 0.2970, 0.3428



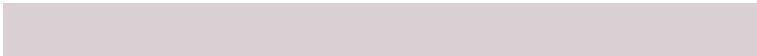
30.0189, 0.2813, 0.3176

Sweetspot

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



30.0202, 0.3283, 0.3157



64.5908, 0.3169, 0.3252



29.5476, 0.3048, 0.2946



14.2740, 0.3176, 0.3245



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.



30.0202, 0.3283, 0.3157



51.2251, 0.3329, 0.3122



30.4347, 0.3371, 0.3325



7.5890, 0.3227, 0.3202



6.5899, 0.5373, 0.2734



0.1704, 0.4510, 0.2258

Inverse Universe

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



30.0202, 0.3283, 0.3157



51.2251, 0.3329, 0.3122



35.0409, 0.2920, 0.3255



7.5890, 0.3227, 0.3202



6.5899, 0.5373, 0.2734



0.1704, 0.4510, 0.2258

Previews

White Background



This preview shows how the Yxy color 30.0189, 0.3283, 0.3157 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 30.0189, 0.3283, 0.3157 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 30.0189, 0.3283, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 30.0189, 0.3283, 0.3157.



This preview shows how white text looks on a background with the Yxy color 30.0189, 0.3283, 0.3157.

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

30.0189, 0.3283, 0.3157

Protanopia

30.0304, 0.3081, 0.3182

Deuteranopia

29.8949, 0.3239, 0.3170



Tritanopia

30.0850, 0.3262, 0.3128

Trichromacy



Original Color

30.0189, 0.3283, 0.3157

Protanomaly

29.9588, 0.3154, 0.3168

Deuteranomaly

30.0000, 0.3249, 0.3171

Tritanomaly

30.0518, 0.3273, 0.3142

Monochromacy



Original Color

30.0189, 0.3283, 0.3157

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4821, 0.3181, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0189, 0.3283, 0.3157 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(166, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(166, 143, 152)  
}
```

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(166, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 30.0189, 0.3283, 0.3157 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(166, 143, 152) }
```

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

```
.border{ border-color:rgb(166, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(166, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0189, 0.3283, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 143, 152) }
```

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

```
.background{ background-color: rgb(166,  
143, 152) }
```

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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