

Converting Colors

$Yxy(30.0742, 0.3295, 0.3155)$

Have a look what the booklet for
Yxy(30.0742, 0.3295, 0.3155)
contains.

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Color

Yxy(30.1274, 0.3294, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	A78F98
RGB	167, 143, 152
RGB Percent	65%, 56%, 60%
CMY	0.3449, 0.4393, 0.4039
CMYK	0.00, 0.14, 0.09, 0.34
HSL	337°, 12%, 61%
HSV	337°, 14%, 66%
XYZ	31.4348, 30.1274, 33.8683
YIQ	151.2020, 11.4150, 7.8870

Conversions

Conversions Part 2

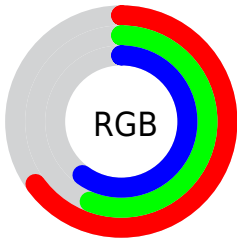
Format	Color
RYB	167, 143, 152
Decimal	10981272
CIELab	61.76, 10.59, -1.44
CIElCh	62, 10.683, 352.280
Yxy	30.1274, 0.3294, 0.3157
Android (android.graphics.Color)	4289171352 (0xFFA78F98)
YUV	151.2020, 0.3934, 13.8548
Hunter-Lab	54.8884, 6.1728, 1.8377

Details

The Yxy color $30.1274, 0.3294, 0.3157$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $35.9639, 0.2985, 0.3427$, and the grayscale version is $31.0358, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.9183, 0.3259, 0.3189$, and $12.4131, 0.3354, 0.3123$ is the 20% darker color. If you saturate the color by 10%, you get $25.1545, 0.3441, 0.3059$, and if you desaturate by 10%, it is $35.8799, 0.3173, 0.3251$.

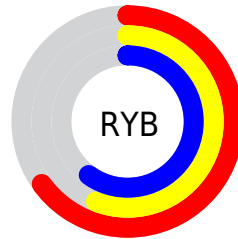
Distribution



Red (65%)

Green (56%)

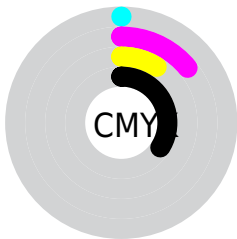
Blue (60%)



Red (65%)

Yellow (56%)

Blue (60%)

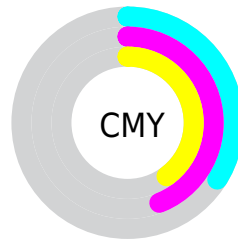


Cyan (0%)

Magenta (14%)

Yellow (9%)

Black (34%)



Cyan (34%)


Magenta (44%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.1274, 0.3294, 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 30.1274, 0.3294, 0.3157 by changing the saturation by 10% instead.


 30.1274, 0.3294,
0.3157


 30.1274, 0.3294,
0.3157


302.4978, 0.3205,
0.3228


 19.9353, 0.3318,
0.3138


 59.8636, 0.3260,
0.3184

 12.3480, 0.3351,
0.3112


 80.1765, 0.3248,
0.3194

 6.9812, 0.3398,
0.3076


 104.6318, 0.3238,
0.3202

 3.4503, 0.3468,
0.3021

133.6138, 0.3229,
0.3209

 1.3711, 0.3589,
0.2928

167.5071, 0.3222,
0.3215

 0.1953, 0.4663,
0.2051

206.6959, 0.3215,

 0.0000, 0.0000,

0.3220

0.0000

251.5647, 0.3210,
0.3224

■ 30.1274, 0.3294,
0.3157

■ 30.1274, 0.3294,
0.3157

■ 25.1545, 0.3441,
0.3059

■ 35.8799, 0.3173,
0.3251

■ 20.9236, 0.3618,
0.2959

■ 42.4397, 0.3074,
0.3338

■ 17.3997, 0.3829,
0.2862

■ 49.8379, 0.2993,
0.3419

■ 14.5439, 0.4077,
0.2775

■ 58.1028, 0.2926,
0.3494

■ 12.3128, 0.4359,
0.2707

■ 67.2614, 0.2870,
0.3562

■ 10.6585, 0.4668,
0.2672

■ 77.3395, 0.2825,
0.3624

■ 9.5255, 0.4988,
0.2680

■ 85.1822, 0.2782,
0.3628

■ 8.8473, 0.5295,
0.2738

■ 85.7699, 0.2730,
0.3507

■ 8.5760, 0.5460,
0.2782

■ 86.3930, 0.2680,
0.3388

Harmonies

Analogous

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



30.1274, 0.3122, 0.3049



30.1274, 0.3294, 0.3157



30.1274, 0.3422, 0.3300

Triad

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



30.1274, 0.3294, 0.3157



30.1274, 0.3294, 0.3595



30.1274, 0.2796, 0.3121

Complementary

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



30.1274, 0.3294, 0.3157



35.9639, 0.2985, 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.



30.1274, 0.2840, 0.3269



30.1274, 0.3294, 0.3157



30.1274, 0.3125, 0.3549

Square

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



30.1274, 0.3294, 0.3157



30.1274, 0.3422, 0.3554



30.1274, 0.2959, 0.3428



30.1274, 0.2838, 0.3025

Rectangle

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



30.1274, 0.3294, 0.3157



30.1274, 0.3464, 0.3399



30.1274, 0.2959, 0.3428



30.1274, 0.2802, 0.3166

Sweetspot

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



30.1287, 0.3294, 0.3157



64.5840, 0.3170, 0.3254



29.6837, 0.3049, 0.2932



14.2722, 0.3178, 0.3247



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.



30.1287, 0.3294, 0.3157



51.1992, 0.3334, 0.3129



30.6976, 0.3382, 0.3333



7.5871, 0.3229, 0.3206



6.5669, 0.5436, 0.2768



0.1697, 0.4558, 0.2284

Inverse Universe

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



30.1287, 0.3294, 0.3157



51.1992, 0.3334, 0.3129



35.2682, 0.2912, 0.3247



7.5871, 0.3229, 0.3206



6.5669, 0.5436, 0.2768



0.1697, 0.4558, 0.2284

Previews

White Background



This preview shows how the Yxy color 30.1274, 0.3294, 0.3157 looks on a white background.

Color Contrast Check

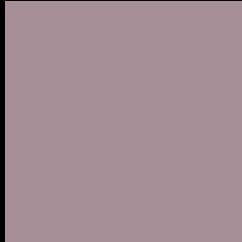
Large Text (above 18pt) WCAG AA × Fail

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 30.1274, 0.3294, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

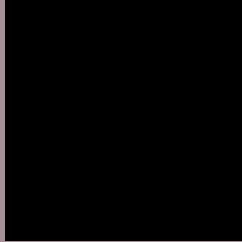
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.1274, 0.3294, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 30.1274, 0.3294, 0.3157.



This preview shows how white text looks on a background with the Yxy color 30.1274, 0.3294, 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

30.1274, 0.3294, 0.3157

Protanopia

30.0304, 0.3081, 0.3182

Deuteranopia

30.3043, 0.3248, 0.3186



Tritanopia

30.1935, 0.3273, 0.3128

Trichromacy



Original Color

30.1274, 0.3294, 0.3157

Protanomaly

29.9588, 0.3154, 0.3168

Deuteranomaly

30.1060, 0.3260, 0.3171

Tritanomaly

30.1603, 0.3283, 0.3143

Monochromacy



Original Color

30.1274, 0.3294, 0.3157

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.5823, 0.3191, 0.3245

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1274, 0.3294, 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(167, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 30.1274, 0.3294, 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(167, 143, 152) }
```

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

```
.border{ border-color:rgb(167, 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(167, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(167, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1274, 0.3294, 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(167, 143, 152) }
```

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

```
.background{ background-color: rgb(167,  
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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