

Converting Colors

$Yxy(30.5356, 0.3519, 0.3254)$

Have a look what the booklet for
Yxy(30.5356, 0.3519, 0.3254)
contains.

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Color

Yxy(30.6166, 0.3524, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	B38D8F
RGB	179, 141, 143
RGB Percent	70%, 55%, 56%
CMY	0.2982, 0.4470, 0.4393
CMYK	0.00, 0.21, 0.20, 0.30
HSL	357°, 20%, 63%
HSV	357°, 21%, 70%
XYZ	33.0656, 30.6166, 30.1475
YIQ	152.5900, 22.0060, 8.6780

Conversions

Conversions Part 2

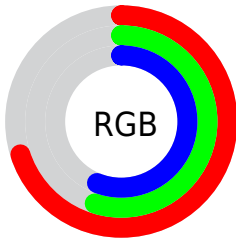
Format	Color
R _Y B	179, 141, 143
Decimal	11767183
CIE Lab	62.18, 14.66, 4.44
CIE LCh	62, 15.319, 16.860
Yxy	30.6166, 0.3524, 0.3263
Android (android.graphics.Color)	4289957263 (0xFFB38D8F)
YUV	152.5900, -4.7279, 23.1616
Hunter-Lab	55.3323, 9.8369, 6.4288

Details

The Yxy color **30.6166, 0.3524, 0.3263** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.0635, 0.2831, 0.3318**, and the grayscale version is **31.6809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.7236, 0.3438, 0.3269**, and **12.7081, 0.3664, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **25.2830, 0.3785, 0.3250**, and if you desaturate by 10%, it is **36.8836, 0.3314, 0.3276**.

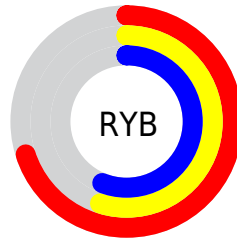
Distribution



Red (70%)

Green (55%)

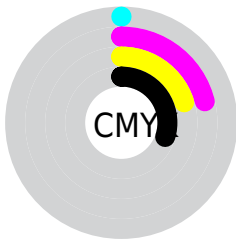
Blue (56%)



Red (70%)

Yellow (55%)

Blue (56%)

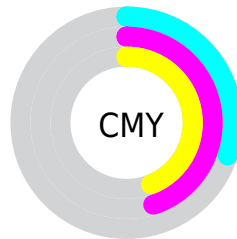


Cyan (0%)

Magenta (21%)

Yellow (20%)

Black (30%)



Cyan (30%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.6166, 0.3524, 0.3263 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 30.6166, 0.3524, 0.3263 by changing the saturation by 10% instead.


 30.6166, 0.3524,
0.3263


 30.6166, 0.3524,
0.3263


304.7681, 0.3310,
0.3280


 20.3071, 0.3583,
0.3257


 60.6359, 0.3442,
0.3270

 12.6185, 0.3662,
0.3249


 81.1145, 0.3413,
0.3272

 7.1663, 0.3775,
0.3237


 105.7516, 0.3389,
0.3274

 3.5663, 0.3947,
0.3215

134.9316, 0.3368,
0.3276

 1.4341, 0.4241,
0.3170

169.0388, 0.3351,
0.3277

 0.2416, 0.7086,
0.2914

208.4577, 0.3335,

 0.0000, 0.0000,

0.3278

0.0000

253.5727, 0.3322,
0.3279

■ 30.6166, 0.3524,
0.3263

■ 30.6166, 0.3524,
0.3263

■ 25.2830, 0.3785,
0.3250

■ 36.8836, 0.3314,
0.3276

■ 20.8342, 0.4105,
0.3237

■ 44.1213, 0.3145,
0.3289

■ 17.2236, 0.4487,
0.3227

■ 52.3698, 0.3009,
0.3300

■ 14.3988, 0.4924,
0.3221

■ 61.6661, 0.2900,
0.3310

■ 12.3012, 0.5385,
0.3223

■ 72.0450, 0.2811,
0.3320

■ 10.8642, 0.5819,
0.3234

■ 83.5398, 0.2738,
0.3328

■ 10.0091, 0.6156,
0.3255

■ 88.3191, 0.2696,
0.3289

■ 9.5994, 0.6344,
0.3269

Harmonies

Analogous

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



30.6166, 0.3322, 0.3070



30.6166, 0.3524, 0.3263



30.6166, 0.3616, 0.3470

Triad

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



30.6166, 0.3524, 0.3263



30.6166, 0.3166, 0.3686



30.6166, 0.2699, 0.2930

Complementary

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



30.6166, 0.3524, 0.3263



41.0635, 0.2831, 0.3318

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.



30.6166, 0.2662, 0.3079



30.6166, 0.3524, 0.3263



30.6166, 0.2925, 0.3526

Square

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



30.6166, 0.3524, 0.3263



30.6166, 0.3403, 0.3726



30.6166, 0.2743, 0.3298



30.6166, 0.2847, 0.2880

Rectangle

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



30.6166, 0.3524, 0.3263



30.6166, 0.3600, 0.3592



30.6166, 0.2743, 0.3298



30.6166, 0.2674, 0.2970

Sweetspot

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



30.6180, 0.3524, 0.3263



72.4793, 0.3223, 0.3283



31.5898, 0.3126, 0.2769



15.8742, 0.3234, 0.3282



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



30.6180, 0.3524, 0.3263



50.6267, 0.3627, 0.3257



35.7735, 0.3499, 0.3523



8.5122, 0.3279, 0.3279



6.7897, 0.6333, 0.3262



0.2160, 0.6060, 0.3112

Inverse Universe

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



30.6180, 0.3524, 0.3263



50.6267, 0.3627, 0.3257



34.9423, 0.2800, 0.3045



8.5122, 0.3279, 0.3279



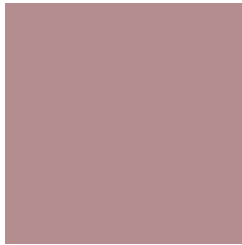
6.7897, 0.6333, 0.3262



0.2160, 0.6060, 0.3112

Previews

White Background



This preview shows how the Yxy color 30.6166, 0.3524, 0.3263 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 30.6166, 0.3524, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

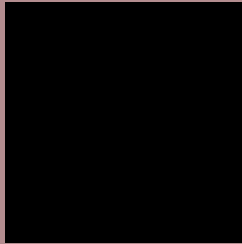
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.6166, 0.3524, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 30.6166, 0.3524, 0.3263.



This preview shows how white text looks on a background with the Yxy color 30.6166, 0.3524, 0.3263.

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

30.6166, 0.3524, 0.3263

Protanopia

30.8208, 0.3187, 0.3321

Deuteranopia

30.5286, 0.3404, 0.3335



Tritanopia

30.6938, 0.3451, 0.3135

Trichromacy



Original Color

30.6166, 0.3524, 0.3263

Protanomaly

30.7293, 0.3305, 0.3306

Deuteranomaly

30.6702, 0.3450, 0.3320

Tritanomaly

30.5976, 0.3484, 0.3177

Monochromacy



Original Color

30.6166, 0.3524, 0.3263

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.3462, 0.3262, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.6166, 0.3524, 0.3263 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(179, 141, 143)` looks like.

```
.text, #text, p{  
    color:rgb(179, 141, 143)  
}
```

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(179, 141, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 141, 143) }
```

Border

The CSS property to change the border of an element to Yxy 30.6166, 0.3524, 0.3263 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(179, 141, 143) }
```

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

```
.border{ border-color:rgb(179, 141, 143) }
```

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

Here you see how a box with a 4 pixel rgb(179, 141, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 141, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 141, 143);  
box-shadow:4px 4px 4px 4px rgb(179, 141,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 30.6166, 0.3524, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 141, 143) }
```

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

```
.background{ background-color: rgb(179,  
141, 143) }
```

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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