

Converting Colors

$Yxy(30.8114, 0.2958, 0.3502)$

Have a look what the booklet for
Yxy(30.8114, 0.2958, 0.3502)
contains.

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Color

Yxy(30.7168, 0.2965, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	809D90
RGB	128, 157, 144
RGB Percent	50%, 62%, 56%
CMY	0.4981, 0.3843, 0.4352
CMYK	0.18, 0.00, 0.08, 0.38
HSL	153°, 13%, 56%
HSV	153°, 18%, 62%
XYZ	25.9918, 30.7168, 30.9535
YIQ	146.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

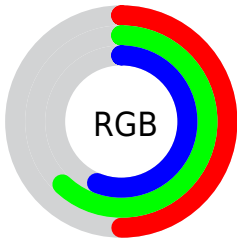
Format	Color
R_{YB}	128, 147, 157
Decimal	8428944
CIE _{Lab}	62.27, -12.82, 3.44
CIE _{LCh}	62, 13.274, 164.987
Yxy	30.7168, 0.2965, 0.3504
Android (android.graphics.Color)	4286619024 (0xFF809D90)
YUV	146.8470, -1.4036, -16.5288
Hunter-Lab	55.4227, -13.2780, 5.6826

Details

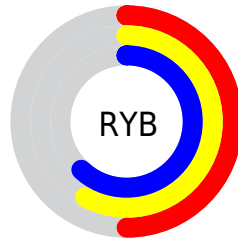
The Yxy color **30.7168, 0.2965, 0.3504** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5232, 0.3325, 0.3086**, and the grayscale version is **29.1205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9879, 0.2996, 0.3461**, and **12.7359, 0.2901, 0.3582** is the 20% darker color. If you saturate the color by 10%, you get **29.3854, 0.2883, 0.3637**, and if you desaturate by 10%, it is **32.2525, 0.3052, 0.3383**.

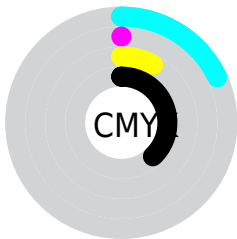
Distribution



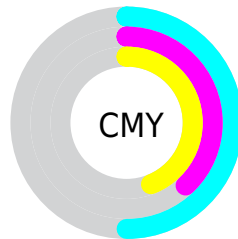
- Red (50%)
- Green (62%)
- Blue (56%)



- Red (50%)
- Yellow (58%)
- Blue (62%)



- Cyan (18%)
- Magenta (0%)
- Yellow (8%)
- Black (38%)




- Cyan (50%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.7168, 0.2965, 0.3504 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 30.7168, 0.2965, 0.3504 by changing the saturation by 10% instead.


 30.7168, 0.2965,
0.3504


 30.7168, 0.2965,
0.3504

305.2315, 0.3052,
0.3388

 20.3833, 0.2941,
0.3536


 60.7939, 0.2998,
0.3459

 12.6740, 0.2908,
0.3580


 81.3063, 0.3011,
0.3443

 7.2044, 0.2861,
0.3643


 105.9805, 0.3021,
0.3430

 3.5903, 0.2790,
0.3741

135.2008, 0.3029,
0.3419

 1.4471, 0.2665,
0.3914

169.3517, 0.3036,
0.3410

 0.2511, 0.0000,
0.8839

208.8175, 0.3042,

 0.0000, 0.0000,

0.3401

0.0000

253.9826, 0.3048,
0.3394

■ 30.7168, 0.2965,
0.3504

■ 30.7168, 0.2965,
0.3504

■ 29.3854, 0.2883,
0.3637

■ 32.2525, 0.3052,
0.3383

■ 28.2456, 0.2808,
0.3782

■ 33.9970, 0.3141,
0.3274

■ 27.2891, 0.2744,
0.3938


■ 35.9594, 0.3230,
0.3177


■ 26.5055, 0.2693,
0.4103

■ 38.1471, 0.3319,
0.3092


■ 25.8834, 0.2658,
0.4273

■ 40.5672, 0.3405,
0.3016

 25.4097, 0.2642,
0.4445


 43.2264, 0.3488,
0.2950


 25.0694, 0.2645,
0.4616

 46.1313, 0.3569,
0.2892

 24.8336, 0.2665,
0.4781

 49.2881, 0.3645,
0.2841

 24.8009, 0.2668,
0.4806

 49.8922, 0.3591,
0.2774

Harmonies

Analogous

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



30.7168, 0.3175, 0.3636



30.7168, 0.2965, 0.3504



30.7168, 0.2802, 0.3311

Triad

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



30.7168, 0.2965, 0.3504



30.7168, 0.2874, 0.2933



30.7168, 0.3548, 0.3437

Complementary

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



30.7168, 0.2965, 0.3504



24.5232, 0.3325, 0.3086

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.



30.7168, 0.3462, 0.3256



30.7168, 0.2965, 0.3504



30.7168, 0.3068, 0.2972

Square

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



30.7168, 0.2965, 0.3504



30.7168, 0.2750, 0.2984



30.7168, 0.3284, 0.3089



30.7168, 0.3516, 0.3588

Rectangle

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



30.7168, 0.2965, 0.3504



30.7168, 0.2739, 0.3180



30.7168, 0.3284, 0.3089



30.7168, 0.3531, 0.3378

Sweetspot

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



30.7181, 0.2965, 0.3504



58.4624, 0.3073, 0.3356



31.3405, 0.3234, 0.3761



12.8253, 0.3067, 0.3363



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.



30.7181, 0.2965, 0.3504



54.0266, 0.2932, 0.3555



30.6500, 0.2855, 0.3266



7.4593, 0.3045, 0.3392



20.1485, 0.2665, 0.4794



0.3687, 0.2481, 0.4131

Inverse Universe

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



24.5232, 0.3325, 0.3086



40.9374, 0.3377, 0.3040



24.5405, 0.3472, 0.3314



6.6930, 0.3218, 0.3190



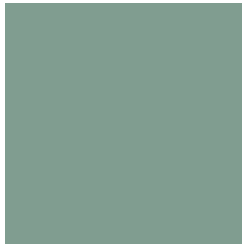
6.1905, 0.5135, 0.2602



0.1191, 0.4235, 0.2106

Previews

White Background



This preview shows how the Yxy color 30.7168, 0.2965, 0.3504 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 30.7168, 0.2965, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

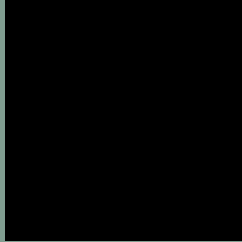
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.7168, 0.2965, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 30.7168, 0.2965, 0.3504.



This preview shows how white text looks on a background with the Yxy color 30.7168, 0.2965, 0.3504.

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

30.7168, 0.2965, 0.3504

Protanopia

30.6747, 0.3275, 0.3446

Deuteranopia

30.4331, 0.3341, 0.3276



Tritanopia

30.7699, 0.2816, 0.3100

Trichromacy



Original Color

30.7168, 0.2965, 0.3504

Protanomaly

30.7253, 0.3158, 0.3481

Deuteranomaly

30.2146, 0.3196, 0.3353

Tritanomaly

30.7366, 0.2874, 0.3241

Monochromacy



Original Color

30.7168, 0.2965, 0.3504

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.7840, 0.3063, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.7168, 0.2965, 0.3504 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(128, 157, 144)` looks like.

```
.text, #text, p{  
    color:rgb(128, 157, 144)  
}
```

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(128, 157, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 157, 144) }
```

Border

The CSS property to change the border of an element to Yxy 30.7168, 0.2965, 0.3504 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(128, 157, 144) }
```

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

```
.border{ border-color:rgb(128, 157, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 157, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 157, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 157, 144);  
box-shadow:4px 4px 4px 4px rgb(128, 157,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 30.7168, 0.2965, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 157, 144) }
```

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

```
.background{ background-color: rgb(128,  
157, 144) }
```

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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