

Converting Colors

$Yxy(30.8566, 0.3000, 0.3620)$

Have a look what the booklet for
Yxy(30.8566, 0.3000, 0.3620)
contains.

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Color

Yxy(30.8007, 0.3008, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	7F9E8A
RGB	127, 158, 138
RGB Percent	50%, 62%, 54%
CMY	0.5018, 0.3804, 0.4588
CMYK	0.20, 0.00, 0.13, 0.38
HSL	141°, 14%, 56%
HSV	141°, 20%, 62%
XYZ	25.5723, 30.8007, 28.6413
YIQ	146.4510, -12.0560, -12.7920

Conversions

Conversions Part 2

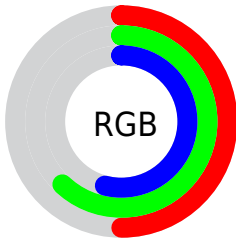
Format	Color
RYB	127, 150, 158
Decimal	8363658
CIELab	62.34, -14.88, 6.92
CIELCh	62, 16.413, 155.062
Yxy	30.8007, 0.3008, 0.3623
Android (android.graphics.Color)	4286553738 (0xFF7F9E8A)
YUV	146.4510, -4.1663, -17.0585
Hunter-Lab	55.4984, -14.8737, 8.2508

Details

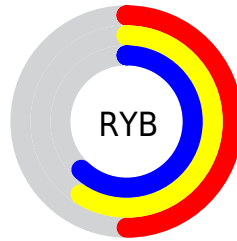
The Yxy color **30.8007, 0.3008, 0.3623** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.5687, 0.3269, 0.2979**, and the grayscale version is **28.9649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0534, 0.3035, 0.3562**, and **12.7978, 0.2960, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **29.3999, 0.2950, 0.3822**, and if you desaturate by 10%, it is **32.4221, 0.3068, 0.3444**.

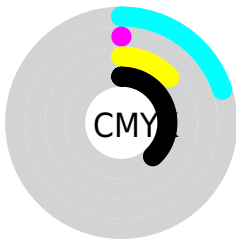
Distribution



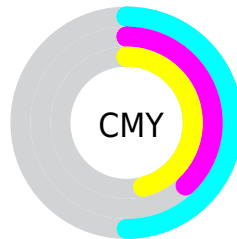
- Red (50%)
- Green (62%)
- Blue (54%)



- Red (50%)
- Yellow (59%)
- Blue (62%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (38%)





- Cyan (50%)
- Magenta (38%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.8007, 0.3008, 0.3623 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 30.8007, 0.3008, 0.3623 by changing the saturation by 10% instead.


 30.8007, 0.3008,
0.3623


 30.8007, 0.3008,
0.3623


305.6191, 0.3074,
0.3441


 20.4471, 0.2989,
0.3674


 60.9262, 0.3033,
0.3553

 12.7205, 0.2964,
0.3744

 81.4668, 0.3043,
0.3528

 7.2364, 0.2926,
0.3845


 106.1720, 0.3050,
0.3507

 3.6104, 0.2867,
0.4004

135.4261, 0.3056,
0.3490

 1.4581, 0.2760,
0.4288

169.6134, 0.3062,
0.3475

 0.2589, 0.0000,
1.0000

209.1184, 0.3066,

 0.0000, 0.0000,

0.3462

0.0000

254.3255, 0.3070,
0.3451

■ 30.8007, 0.3008,
0.3623

■ 30.8007, 0.3008,
0.3623

■ 29.3999, 0.2950,
0.3822

■ 32.4221, 0.3068,
0.3444

■ 28.2063, 0.2898,
0.4039

■ 34.2693, 0.3130,
0.3284

■ 27.2108, 0.2854,
0.4272

■ 36.3521, 0.3190,
0.3142

■ 26.4022, 0.2821,
0.4515

■ 38.6784, 0.3249,
0.3018

■ 25.7680, 0.2802,
0.4762

■ 41.2559, 0.3306,
0.2909

■ 25.2944, 0.2800,
0.5002

■ 44.0920, 0.3360,
0.2815

■ 24.9648, 0.2815,
0.5227

■ 47.1936, 0.3411,
0.2732

■ 24.7439, 0.2843,
0.5429

■ 50.5676, 0.3460,
0.2660

■ 24.7355, 0.2844,
0.5437

■ 51.4176, 0.3382,
0.2567

Harmonies

Analogous

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



30.8007, 0.3272, 0.3748



30.8007, 0.3008, 0.3623



30.8007, 0.2783, 0.3398

Triad

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



30.8007, 0.3008, 0.3623



30.8007, 0.2753, 0.2860



30.8007, 0.3628, 0.3396

Complementary

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



30.8007, 0.3008, 0.3623



24.5687, 0.3269, 0.2979

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.



30.8007, 0.3478, 0.3175



30.8007, 0.3008, 0.3623



30.8007, 0.2967, 0.2874

Square

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



30.8007, 0.3008, 0.3623



30.8007, 0.2640, 0.2956



30.8007, 0.3232, 0.2988



30.8007, 0.3637, 0.3601

Rectangle

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



30.8007, 0.3008, 0.3623



30.8007, 0.2682, 0.3230



30.8007, 0.3232, 0.2988



30.8007, 0.3592, 0.3321

Sweetspot

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



30.8020, 0.3008, 0.3623



60.0003, 0.3090, 0.3386



32.2028, 0.3302, 0.3782



13.4825, 0.3086, 0.3396



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.8020, 0.3008, 0.3623



54.9120, 0.2985, 0.3698



31.2786, 0.2879, 0.3365



7.4379, 0.3070, 0.3438



19.8198, 0.2839, 0.5422



0.3620, 0.2621, 0.4634

Inverse Universe

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



24.5687, 0.3269, 0.2979



41.7183, 0.3303, 0.2915



24.1183, 0.3447, 0.3217



6.7147, 0.3189, 0.3146



6.5994, 0.4326, 0.2157



0.1258, 0.3785, 0.1859

Previews

White Background



This preview shows how the Yxy color 30.8007, 0.3008, 0.3623 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 30.8007, 0.3008, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

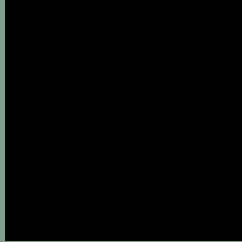
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

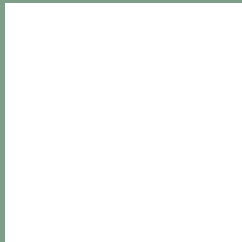
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.8007, 0.3008, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 30.8007, 0.3008, 0.3623.



This preview shows how white text looks on a background with the Yxy color 30.8007, 0.3008, 0.3623.

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

30.8007, 0.3008, 0.3623

Protanopia

30.7020, 0.3356, 0.3539

Deuteranopia

30.4987, 0.3414, 0.3350



Tritanopia

30.7699, 0.2816, 0.3100

Trichromacy



Original Color

30.8007, 0.3008, 0.3623

Protanomaly

30.6427, 0.3225, 0.3578

Deuteranomaly

30.4784, 0.3254, 0.3447

Tritanomaly

30.5888, 0.2881, 0.3273

Monochromacy



Original Color

30.8007, 0.3008, 0.3623

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.2848, 0.3081, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.8007, 0.3008, 0.3623 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(127, 158, 138)` looks like.

```
.text, #text, p{  
    color:rgb(127, 158, 138)  
}
```

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(127, 158, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 158, 138) }
```

Border

The CSS property to change the border of an element to Yxy 30.8007, 0.3008, 0.3623 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(127, 158, 138) }
```

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

```
.border{ border-color:rgb(127, 158, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 158, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 158, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 158, 138);  
box-shadow:4px 4px 4px 4px rgb(127, 158,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 30.8007, 0.3008, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 158, 138) }
```

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

```
.background{ background-color: rgb(127,  
158, 138) }
```

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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