

Converting Colors

$Yxy(30.3004, 0.2889, 0.3628)$

Have a look what the booklet for
Yxy(30.3004, 0.2889, 0.3628)
contains.

Yxy(30.3052, 0.2892, 0.3632)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.3052, 0.2892, 0.3632)

Conversions

Conversions Part 1

Format	Color
Hex	739F8B
RGB	115, 159, 139
RGB Percent	45%, 62%, 55%
CMY	0.5489, 0.3765, 0.4549
CMYK	0.28, 0.00, 0.13, 0.38
HSL	153°, 19%, 54%
HSV	153°, 28%, 62%
XYZ	24.1307, 30.3052, 29.0035
YIQ	143.5640, -19.8040, -15.5480

Conversions

Conversions Part 2

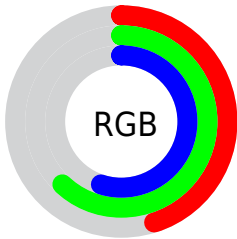
Format	Color
RYB	115, 143, 159
Decimal	7577483
CIELab	61.92, -19.25, 5.65
CIELCh	62, 20.059, 163.627
Yxy	30.3052, 0.2892, 0.3632
Android (android.graphics.Color)	4285767563 (0xFF739F8B)
YUV	143.5640, -2.2501, -25.0506
Hunter-Lab	55.0502, -18.0941, 7.2978

Details

The Yxy color **30.3052, 0.2892, 0.3632** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3875, 0.3448, 0.2973**, and the grayscale version is **27.7230, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.2237, 0.2945, 0.3568**, and **12.3605, 0.2804, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **29.1152, 0.2817, 0.3779**, and if you desaturate by 10%, it is **31.6976, 0.2974, 0.3497**.

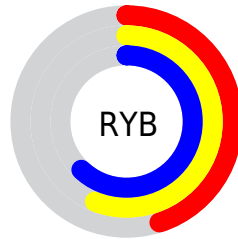
Distribution



Red (45%)

Green (62%)

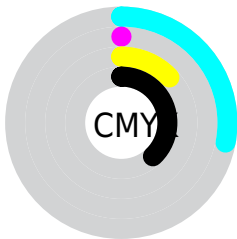
Blue (55%)



Red (45%)

Yellow (56%)

Blue (62%)

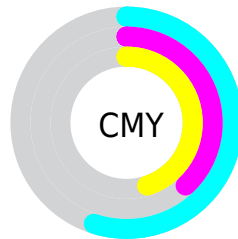


Cyan (28%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (55%)


Magenta (38%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.3052, 0.2892, 0.3632 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 30.3052, 0.2892, 0.3632 by changing the saturation by 10% instead.

 30.3052, 0.2892,
0.3632


 30.3052, 0.2892,
0.3632


303.3245, 0.3020,
0.3445


 20.0704, 0.2856,
0.3685


 60.1445, 0.2941,
0.3560

 12.4462, 0.2807,
0.3758


 80.5177, 0.2959,
0.3534

 7.0483, 0.2738,
0.3863


 105.0393, 0.2973,
0.3512

 3.4923, 0.2629,
0.4028

134.0934, 0.2986,
0.3495

 1.3939, 0.2434,
0.4327

168.0646, 0.2996,
0.3479

 0.2122, 0.0000,
1.0000

207.3373, 0.3005,

 0.0000, 0.0000,

0.3466

0.0000

252.2958, 0.3013,
0.3455

■ 30.3052, 0.2892,
0.3632

■ 30.3052, 0.2892,
0.3632

■ 29.1152, 0.2817,
0.3779

■ 31.6976, 0.2974,
0.3497

■ 28.1140, 0.2753,
0.3937

■ 33.2978, 0.3060,
0.3375

■ 27.2923, 0.2701,
0.4104

■ 35.1156, 0.3148,
0.3265


■ 26.6383, 0.2666,
0.4277


■ 37.1591, 0.3236,
0.3168

■ 26.1387, 0.2649,
0.4452


■ 39.4358, 0.3324,
0.3081

 25.7782, 0.2651,
0.4626

 41.9530, 0.3409,
0.3005

 25.5310, 0.2671,
0.4795

 44.7178, 0.3491,
0.2939

 25.4790, 0.2676,
0.4834

 47.7367, 0.3570,
0.2881

 50.4192, 0.3617,
0.2825

Harmonies

Analogous

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



30.3052, 0.3209, 0.3831



30.3052, 0.2892, 0.3632



30.3052, 0.2646, 0.3331

Triad

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



30.3052, 0.2892, 0.3632



30.3052, 0.2733, 0.2758



30.3052, 0.3767, 0.3490

Complementary

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



30.3052, 0.2892, 0.3632



21.3875, 0.3448, 0.2973

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.



30.3052, 0.3627, 0.3222



30.3052, 0.2892, 0.3632



30.3052, 0.3019, 0.2813

Square

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



30.3052, 0.2892, 0.3632



30.3052, 0.2559, 0.2833



30.3052, 0.3348, 0.2980



30.3052, 0.3723, 0.3726

Rectangle

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



30.3052, 0.2892, 0.3632



30.3052, 0.2551, 0.3127



30.3052, 0.3348, 0.2980



30.3052, 0.3740, 0.3401

Sweetspot

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



30.3065, 0.2892, 0.3632



59.4836, 0.3055, 0.3381



31.2305, 0.3291, 0.4019



13.3126, 0.3043, 0.3398



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.



30.3065, 0.2892, 0.3632



52.9613, 0.2846, 0.3718



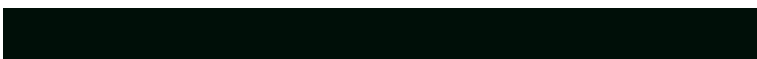
30.4443, 0.2732, 0.3265



7.4585, 0.3046, 0.3394



20.1330, 0.2672, 0.4819



0.3685, 0.2486, 0.4148

Inverse Universe

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



21.3875, 0.3448, 0.2973



34.3684, 0.3541, 0.2901



21.2130, 0.3704, 0.3316



6.6938, 0.3217, 0.3189



6.2028, 0.5104, 0.2585



0.1193, 0.4214, 0.2095

Previews

White Background



This preview shows how the Yxy color 30.3052, 0.2892, 0.3632 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 30.3052, 0.2892, 0.3632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

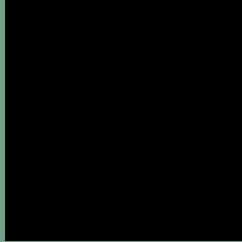
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.3052, 0.2892, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 30.3052, 0.2892, 0.3632.

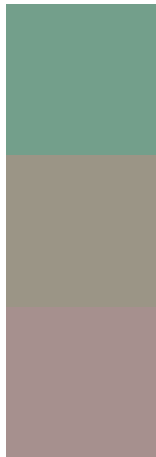


This preview shows how white text looks on a background with the Yxy color 30.3052, 0.2892, 0.3632.

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

30.3052, 0.2892, 0.3632

Protanopia

30.1847, 0.3336, 0.3525

Deuteranopia

30.0065, 0.3384, 0.3321



Tritanopia

30.2977, 0.2716, 0.3095

Trichromacy



Original Color

30.3052, 0.2892, 0.3632

Protanomaly

30.1355, 0.3154, 0.3567

Deuteranomaly

29.6210, 0.3183, 0.3418

Tritanomaly

30.1332, 0.2778, 0.3272

Monochromacy



Original Color

30.3052, 0.2892, 0.3632

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.4344, 0.3031, 0.3406

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.3052, 0.2892, 0.3632 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(115, 159, 139)` looks like.

```
.text, #text, p{  
    color:rgb(115, 159, 139)  
}
```

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(115, 159, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 159, 139) }
```

Border

The CSS property to change the border of an element to Yxy 30.3052, 0.2892, 0.3632 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(115, 159, 139) }
```

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

```
.border{ border-color:rgb(115, 159, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 159, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 159, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 159, 139); box-shadow:4px 4px 4px 4px rgb(115, 159, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 30.3052, 0.2892, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 159, 139) }
```

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

```
.background{ background-color: rgb(115,  
159, 139) }
```

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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