

Converting Colors

$Yxy(32.9063, 0.2889, 0.3706)$

Have a look what the booklet for
Yxy(32.9063, 0.2889, 0.3706)
contains.

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Color

Yxy(32.9085, 0.2890, 0.3708)

Conversions

Conversions Part 1

Format	Color
Hex	74A68D
RGB	116, 166, 141
RGB Percent	45%, 65%, 55%
CMY	0.5450, 0.3490, 0.4471
CMYK	0.30, 0.00, 0.15, 0.35
HSL	150°, 22%, 55%
HSV	150°, 30%, 65%
XYZ	25.6487, 32.9085, 30.1928
YIQ	148.2000, -21.7750, -18.3750

Conversions

Conversions Part 2

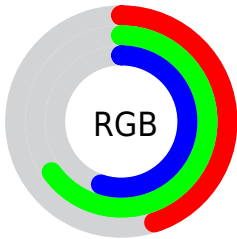
Format	Color
RYB	116, 149, 166
Decimal	7644813
CIELab	64.09, -22.09, 7.66
CIELCh	64, 23.385, 160.878
Yxy	32.9085, 0.2890, 0.3708
Android (android.graphics.Color)	4285834893 (0xFF74A68D)
YUV	148.2000, -3.5496, -28.2394
Hunter-Lab	57.3659, -20.5817, 8.9507

Details

The Yxy color **32.9085, 0.2890, 0.3708** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.5304, 0.3458, 0.2908**, and the grayscale version is **29.7271, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0880, 0.2935, 0.3612**, and **13.9482, 0.2808, 0.3858** is the 20% darker color. If you saturate the color by 10%, you get **31.6335, 0.2822, 0.3875**, and if you desaturate by 10%, it is **34.4081, 0.2965, 0.3555**.

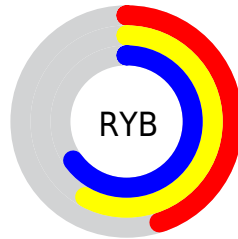
Distribution



Red (45%)

Green (65%)

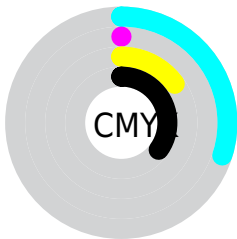
Blue (55%)



Red (45%)

Yellow (58%)

Blue (65%)

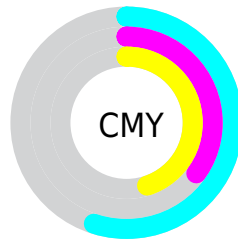


Cyan (30%)

Magenta (0%)

Yellow (15%)

Black (35%)



Cyan (55%)


Magenta (35%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.9085, 0.2890, 0.3708 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 32.9085, 0.2890, 0.3708 by changing the saturation by 10% instead.

 32.9085, 0.2890,
0.3708


 32.9085, 0.2890,
0.3708


315.2372, 0.3018,
0.3481

 22.0564, 0.2854,
0.3772


 64.2326, 0.2939,
0.3621

 13.8983, 0.2806,
0.3858

 85.4734, 0.2957,
0.3589

 8.0500, 0.2737,
0.3982


 110.9459, 0.2971,
0.3563

 4.1269, 0.2632,
0.4174

141.0345, 0.2984,
0.3542

 1.7448, 0.2448,
0.4511

176.1235, 0.2994,
0.3523

 0.4524, 0.0000,
1.0000

216.5973, 0.3003,

 0.0000, 0.0000,

0.3507

0.0000

262.8405, 0.3011,
0.3493

■ 32.9085, 0.2890,
0.3708

■ 32.9085, 0.2890,
0.3708

■ 31.6335, 0.2822,
0.3875

■ 34.4081, 0.2965,
0.3555

■ 30.5678, 0.2765,
0.4054

■ 36.1386, 0.3045,
0.3416

■ 29.7004, 0.2721,
0.4242

■ 38.1111, 0.3126,
0.3291


■ 29.0179, 0.2694,
0.4435

■ 40.3348, 0.3208,
0.3180

■ 28.5048, 0.2685,
0.4629

■ 42.8184, 0.3289,
0.3082


 28.1432, 0.2696,
0.4817

 45.5701, 0.3368,
0.2996

 27.8946, 0.2721,
0.4996

 48.5978, 0.3444,
0.2920

 51.9092, 0.3517,
0.2854

 53.4784, 0.3496,
0.2781

Harmonies

Analogous

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



32.9085, 0.3251, 0.3919



32.9085, 0.2890, 0.3708



32.9085, 0.2603, 0.3367

Triad

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



32.9085, 0.2890, 0.3708



32.9085, 0.2658, 0.2692



32.9085, 0.3848, 0.3485

Complementary

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



32.9085, 0.2890, 0.3708



22.5304, 0.3458, 0.2908

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.



32.9085, 0.3671, 0.3184



32.9085, 0.2890, 0.3708



32.9085, 0.2970, 0.2743

Square

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



32.9085, 0.2890, 0.3708



32.9085, 0.2476, 0.2787



32.9085, 0.3343, 0.2920



32.9085, 0.3816, 0.3759

Rectangle

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



32.9085, 0.2890, 0.3708



32.9085, 0.2488, 0.3133



32.9085, 0.3343, 0.2920



32.9085, 0.3811, 0.3384

Sweetspot

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



32.9099, 0.2890, 0.3708



65.9042, 0.3052, 0.3404



34.2711, 0.3329, 0.4086



14.6419, 0.3041, 0.3422



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.



32.9099, 0.2890, 0.3708



58.1635, 0.2844, 0.3816



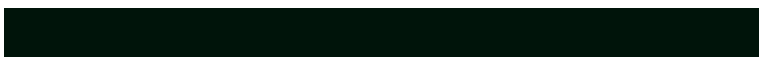
33.7099, 0.2708, 0.3302



8.4679, 0.3051, 0.3405



21.6409, 0.2717, 0.4980



0.5369, 0.2546, 0.4366

Inverse Universe

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



22.5304, 0.3458, 0.2908



36.3035, 0.3556, 0.2822



21.8871, 0.3772, 0.3279



7.6026, 0.3211, 0.3177



6.7816, 0.4920, 0.2484



0.1753, 0.4216, 0.2096

Previews

White Background



This preview shows how the Yxy color 32.9085, 0.2890, 0.3708 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 32.9085, 0.2890, 0.3708 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 32.9085, 0.2890, 0.3708

Background



This preview shows how black text looks on a background with the Yxy color 32.9085, 0.2890, 0.3708.

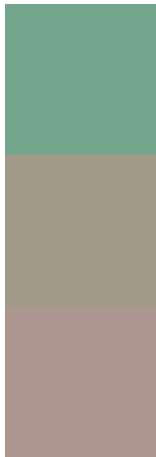


This preview shows how white text looks on a background with the Yxy color 32.9085, 0.2890, 0.3708.

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

32.9085, 0.2890, 0.3708

Protanopia

32.5419, 0.3390, 0.3578

Deuteranopia

32.3927, 0.3428, 0.3364



Tritanopia

32.7567, 0.2689, 0.3085

Trichromacy



Original Color

32.9085, 0.2890, 0.3708

Protanomaly

32.2796, 0.3190, 0.3623

Deuteranomaly

32.1013, 0.3208, 0.3476

Tritanomaly

32.7961, 0.2758, 0.3305

Monochromacy



Original Color

32.9085, 0.2890, 0.3708

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.7213, 0.3032, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.9085, 0.2890, 0.3708 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(116, 166, 141)` looks like.

```
.text, #text, p{  
    color:rgb(116, 166, 141)  
}
```

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(116, 166, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 166, 141) }
```

Border

The CSS property to change the border of an element to Yxy 32.9085, 0.2890, 0.3708 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(116, 166, 141) }
```

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

```
.border{ border-color:rgb(116, 166, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 166, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 166, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 166, 141);  
box-shadow:4px 4px 4px 4px rgb(116, 166,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 32.9085, 0.2890, 0.3708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 166, 141) }
```

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

```
.background{ background-color: rgb(116,  
166, 141) }
```

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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