

Converting Colors

$Yxy(31.2772, 0.2799, 0.3454)$

Have a look what the booklet for
Yxy(31.2772, 0.2799, 0.3454)
contains.

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Color

Yxy(31.3689, 0.2799, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	73A197
RGB	115, 161, 151
RGB Percent	45%, 63%, 59%
CMY	0.5488, 0.3687, 0.4079
CMYK	0.29, 0.00, 0.06, 0.37
HSL	167°, 20%, 54%
HSV	167°, 29%, 63%
XYZ	25.4055, 31.3689, 33.9921
YIQ	146.1060, -24.2060, -12.8620

Conversions

Conversions Part 2

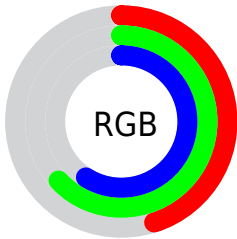
Format	Color
RYB	115, 141, 161
Decimal	7578007
CIELab	62.82, -17.65, 0.22
CIElCh	63, 17.651, 179.296
Yxy	31.3689, 0.2799, 0.3456
Android (android.graphics.Color)	4285768087 (0xFF73A197)
YUV	146.1060, 2.4127, -27.2800
Hunter-Lab	56.0079, -17.0452, 3.2216

Details

The Yxy color **31.3689, 0.2799, 0.3456** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.3315, 0.3603, 0.3132**, and the grayscale version is **28.7921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8443, 0.2865, 0.3426**, and **12.9812, 0.2691, 0.3511** is the 20% darker color. If you saturate the color by 10%, you get **30.2597, 0.2700, 0.3524**, and if you desaturate by 10%, it is **32.6747, 0.2908, 0.3393**.

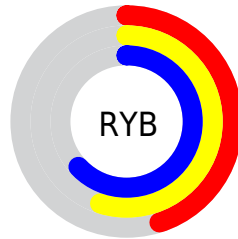
Distribution



Red (45%)

Green (63%)

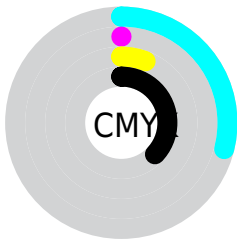
Blue (59%)



Red (45%)

Yellow (55%)

Blue (63%)

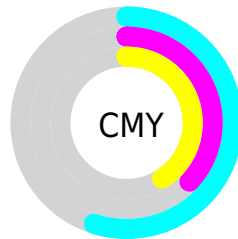


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (37%)



Cyan (55%)


Magenta (37%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.3689, 0.2799, 0.3456 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 31.3689, 0.2799, 0.3456 by changing the saturation by 10% instead.

 31.3689, 0.2799,
0.3456


 31.3689, 0.2799,
0.3456


308.2343, 0.2974,
0.3368


 20.8799, 0.2752,
0.3480

 61.8204, 0.2865,
0.3423

 13.0363, 0.2688,
0.3512


 82.5517, 0.2889,
0.3410

 7.4535, 0.2600,
0.3557


 107.4659, 0.2909,
0.3400

 3.7473, 0.2466,
0.3625

136.9474, 0.2926,
0.3392

 1.5332, 0.2244,
0.3739

171.3806, 0.2940,
0.3384

 0.3120, 0.0000,
0.4901

211.1499, 0.2953,

 0.0000, 0.0000,

0.3378

0.0000

256.6396, 0.2964,
0.3373

■ 31.3689, 0.2799,
0.3456

■ 31.3689, 0.2799,
0.3456

■ 30.2597, 0.2700,
0.3524

■ 32.6747, 0.2908,
0.3393

■ 29.3332, 0.2615,
0.3595

■ 34.1825, 0.3024,
0.3335

■ 28.5800, 0.2544,
0.3671

■ 35.9022, 0.3145,
0.3283

■ 27.9881, 0.2492,
0.3748

■ 37.8418, 0.3269,
0.3235

■ 27.5439, 0.2457,
0.3827

■ 40.0092, 0.3393,
0.3193

■ 27.2317, 0.2442,
0.3905

■ 42.4115, 0.3515,
0.3156

■ 27.0214, 0.2443,
0.3984

■ 45.0558, 0.3636,
0.3123

■ 26.9930, 0.2443,
0.3995

■ 47.9488, 0.3752,
0.3095

■ 50.1468, 0.3820,
0.3066

Harmonies

Analogous

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



31.3689, 0.3052, 0.3683



31.3689, 0.2799, 0.3456



31.3689, 0.2636, 0.3188

Triad

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



31.3689, 0.2799, 0.3456



31.3689, 0.2906, 0.2835



31.3689, 0.3683, 0.3582

Complementary

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



31.3689, 0.2799, 0.3456



21.3315, 0.3603, 0.3132

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.



31.3689, 0.3643, 0.3356



31.3689, 0.2799, 0.3456



31.3689, 0.3184, 0.2938

Square

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



31.3689, 0.2799, 0.3456



31.3689, 0.2696, 0.2842



31.3689, 0.3457, 0.3125



31.3689, 0.3567, 0.3746

Rectangle

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



31.3689, 0.2799, 0.3456



31.3689, 0.2597, 0.3030



31.3689, 0.3457, 0.3125



31.3689, 0.3688, 0.3511

Sweetspot

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



31.3702, 0.2799, 0.3456



61.0414, 0.3017, 0.3339



31.1448, 0.3190, 0.4070



13.3017, 0.3000, 0.3346



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.



31.3702, 0.2799, 0.3456



54.9322, 0.2737, 0.3497



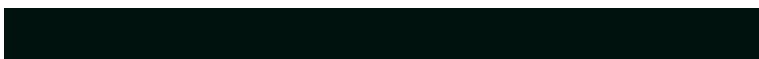
27.6348, 0.2702, 0.3083



7.9847, 0.3015, 0.3339



21.5665, 0.2441, 0.3989



0.4594, 0.2363, 0.3705

Inverse Universe

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



21.3315, 0.3603, 0.3132



34.0643, 0.3745, 0.3096



24.0725, 0.3682, 0.3487



7.1100, 0.3252, 0.3241



6.1539, 0.5984, 0.3070



0.1357, 0.5082, 0.2573

Previews

White Background



This preview shows how the Yxy color 31.3689, 0.2799, 0.3456 looks on a white background.

Color Contrast Check

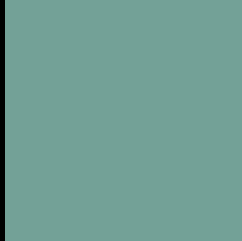
Large Text (above 18pt) WCAG AA × Fail

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 31.3689, 0.2799, 0.3456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

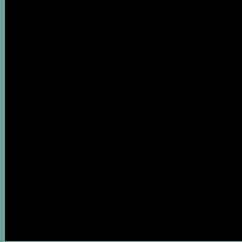
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.3689, 0.2799, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 31.3689, 0.2799, 0.3456.

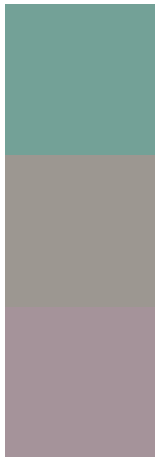


This preview shows how white text looks on a background with the Yxy color 31.3689, 0.2799, 0.3456.

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

31.3689, 0.2799, 0.3456

Protanopia

31.2455, 0.3235, 0.3382

Deuteranopia

31.1999, 0.3246, 0.3187



Tritanopia

31.3159, 0.2675, 0.3081

Trichromacy



Original Color

31.3689, 0.2799, 0.3456

Protanomaly

31.2120, 0.3062, 0.3417

Deuteranomaly

30.9594, 0.3068, 0.3274

Tritanomaly

31.3282, 0.2720, 0.3208

Monochromacy



Original Color

31.3689, 0.2799, 0.3456

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.4222, 0.2996, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.3689, 0.2799, 0.3456 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, 161, 151)` looks like.

```
.text, #text, p{  
    color:rgb(115, 161, 151)  
}
```

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, 161, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 161, 151) }
```

Border

The CSS property to change the border of an element to Yxy 31.3689, 0.2799, 0.3456 is called "border". The border property can be set on classes, ids or directly on the HTML element.

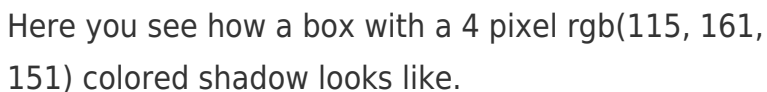
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 161, 151) }
```

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

```
.border{ border-color:rgb(115, 161, 151) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 161, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 161, 151); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 161, 151); box-shadow:4px 4px 4px 4px rgb(115, 161, 151) }
```


Background

The CSS property to change the background color of an element to Yxy 31.3689, 0.2799, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 161, 151) }
```

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

```
.background{ background-color: rgb(115,  
161, 151) }
```

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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