

Converting Colors

$Yxy(31.5869, 0.2779, 0.3385)$

Have a look what the booklet for
Yxy(31.5869, 0.2779, 0.3385)
contains.

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Color

Yxy(31.6382, 0.2784, 0.3388)

Conversions

Conversions Part 1

Format	Color
Hex	75A19B
RGB	117, 161, 155
RGB Percent	46%, 63%, 61%
CMY	0.5412, 0.3686, 0.3922
CMYK	0.27, 0.00, 0.04, 0.37
HSL	172°, 19%, 55%
HSV	172°, 27%, 63%
XYZ	25.9979, 31.6382, 35.7471
YIQ	147.1600, -24.2980, -11.1940

Conversions

Conversions Part 2

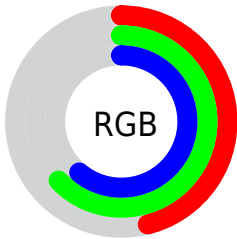
Format	Color
RYB	117, 141, 161
Decimal	7709083
CIELab	63.04, -16.14, -1.69
CIElCh	63, 16.224, 185.983
Yxy	31.6382, 0.2784, 0.3388
Android (android.graphics.Color)	4285899163 (0xFF75A19B)
YUV	147.1600, 3.8651, -26.4503
Hunter-Lab	56.2478, -15.9307, 1.6931

Details

The Yxy color **31.6382, 0.2784, 0.3388** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.7316, 0.3623, 0.3196**, and the grayscale version is **29.2395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2612, 0.2854, 0.3375**, and **13.1300, 0.2671, 0.3410** is the 20% darker color. If you saturate the color by 10%, you get **30.5453, 0.2676, 0.3429**, and if you desaturate by 10%, it is **32.9268, 0.2903, 0.3350**.

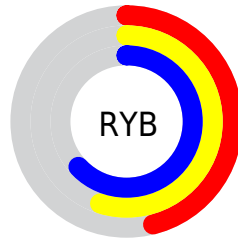
Distribution



Red (46%)

Green (63%)

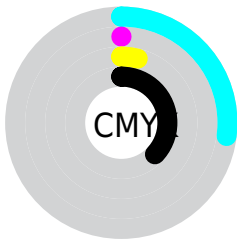
Blue (61%)



Red (46%)

Yellow (55%)

Blue (63%)

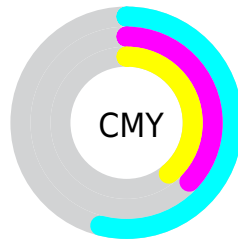


Cyan (27%)

Magenta (0%)

Yellow (4%)

Black (37%)



Cyan (54%)

Magenta (37%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.6382, 0.2784, 0.3388 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 31.6382, 0.2784, 0.3388 by changing the saturation by 10% instead.

■ 31.6382, 0.2784,
0.3388

■ 31.6382, 0.2784,
0.3388

309.4678, 0.2966,
0.3337

■ 21.0853, 0.2735,
0.3401

■ 62.2435, 0.2853,
0.3369

■ 13.1864, 0.2670,
0.3419

■ 83.0646, 0.2878,
0.3362

■ 7.5570, 0.2579,
0.3443

■ 108.0773, 0.2898,
0.3356

■ 3.8128, 0.2443,
0.3478

137.6660, 0.2916,
0.3351

■ 1.5694, 0.2219,
0.3532

172.2150, 0.2931,
0.3347

■ 0.3368, 0.0000,
0.4099

212.1087, 0.2944,

■ 0.0000, 0.0000,

0.3343

0.0000

257.7315, 0.2956,
0.3340

■ 31.6382, 0.2784,
0.3388

■ 31.6382, 0.2784,
0.3388

■ 30.5453, 0.2676,
0.3429

■ 32.9268, 0.2903,
0.3350

■ 29.6345, 0.2581,
0.3473

■ 34.4164, 0.3030,
0.3314

■ 28.8962, 0.2503,
0.3518

■ 36.1169, 0.3163,
0.3282

■ 28.3189, 0.2442,
0.3565

■ 38.0362, 0.3299,
0.3253

■ 27.8890, 0.2399,
0.3612

■ 40.1820, 0.3436,
0.3227

■ 27.5913, 0.2375,
0.3659

■ 42.5615, 0.3571,
0.3204

■ 27.4009, 0.2368,
0.3706

■ 45.1817, 0.3705,
0.3184

■ 27.3559, 0.2366,
0.3718

■ 48.0492, 0.3834,
0.3166

■ 49.8364, 0.3897,
0.3147

Harmonies

Analogous

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



31.6382, 0.3003, 0.3610



31.6382, 0.2784, 0.3388



31.6382, 0.2658, 0.3146

Triad

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



31.6382, 0.2784, 0.3388



31.6382, 0.2978, 0.2884



31.6382, 0.3625, 0.3600

Complementary

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



31.6382, 0.2784, 0.3388



21.7316, 0.3623, 0.3196

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.



31.6382, 0.3620, 0.3401



31.6382, 0.2784, 0.3388



31.6382, 0.3238, 0.2999

Square

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



31.6382, 0.2784, 0.3388



31.6382, 0.2766, 0.2867



31.6382, 0.3477, 0.3184



31.6382, 0.3491, 0.3728

Rectangle

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



31.6382, 0.2784, 0.3388



31.6382, 0.2640, 0.3012



31.6382, 0.3477, 0.3184



31.6382, 0.3640, 0.3539

Sweetspot

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



31.6395, 0.2784, 0.3388



61.4012, 0.3020, 0.3317



31.0308, 0.3153, 0.4041



13.3782, 0.3001, 0.3322



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.



31.6395, 0.2784, 0.3388



55.3895, 0.2715, 0.3414



26.7914, 0.2713, 0.3031



7.9946, 0.3005, 0.3321



21.8521, 0.2365, 0.3714



0.4635, 0.2318, 0.3544

Inverse Universe

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



21.7316, 0.3623, 0.3196



34.5406, 0.3783, 0.3173



25.4744, 0.3638, 0.3535



7.1010, 0.3264, 0.3260



6.1015, 0.6188, 0.3183



0.1325, 0.5482, 0.2794

Previews

White Background



This preview shows how the Yxy color 31.6382, 0.2784, 0.3388 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 31.6382, 0.2784, 0.3388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

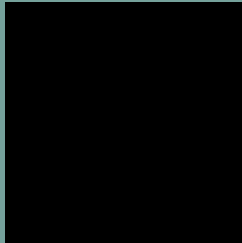
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6382, 0.2784, 0.3388

Background



This preview shows how black text looks on a background with the Yxy color 31.6382, 0.2784, 0.3388.

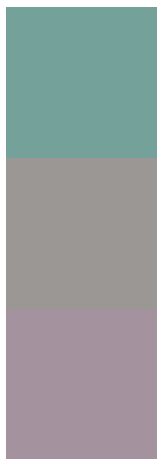


This preview shows how white text looks on a background with the Yxy color 31.6382, 0.2784, 0.3388.

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

31.6382, 0.2784, 0.3388

Protanopia

31.2717, 0.3187, 0.3321

Deuteranopia

31.2286, 0.3197, 0.3128



Tritanopia

31.8015, 0.2692, 0.3098

Trichromacy



Original Color

31.6382, 0.2784, 0.3388

Protanomaly

31.3398, 0.3027, 0.3353

Deuteranomaly

31.0938, 0.3032, 0.3212

Tritanomaly

31.8513, 0.2731, 0.3208

Monochromacy



Original Color

31.6382, 0.2784, 0.3388

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.8927, 0.2988, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6382, 0.2784, 0.3388 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(117, 161, 155)` looks like.

```
.text, #text, p{  
    color:rgb(117, 161, 155)  
}
```

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(117, 161, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 161, 155) }
```

Border

The CSS property to change the border of an element to Yxy 31.6382, 0.2784, 0.3388 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(117, 161, 155) }
```

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

```
.border{ border-color:rgb(117, 161, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 161, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 161, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 161, 155); box-shadow:4px 4px 4px 4px rgb(117, 161, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6382, 0.2784, 0.3388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 161, 155) }
```

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

```
.background{ background-color: rgb(117,  
161, 155) }
```

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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