

Converting Colors

$Y_{xy}(31.6062, 0.2950, 0.3554)$

Have a look what the booklet for
Yxy(31.6062, 0.2950, 0.3554)
contains.

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Color

Yxy(31.5908, 0.2948, 0.3553)

Conversions

Conversions Part 1

Format	Color
Hex	7EA090
RGB	126, 160, 144
RGB Percent	49%, 63%, 56%
CMY	0.5058, 0.3726, 0.4352
CMYK	0.21, 0.00, 0.10, 0.37
HSL	152°, 15%, 56%
HSV	152°, 21%, 63%
XYZ	26.2116, 31.5908, 31.1107
YIQ	148.0100, -15.1280, -12.1840

Conversions

Conversions Part 2

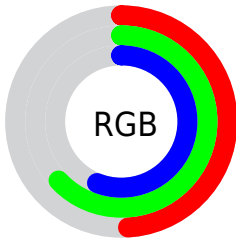
Format	Color
RYB	126, 148, 160
Decimal	8298640
CIELab	63.00, -15.08, 4.48
CIElCh	63, 15.731, 163.439
Yxy	31.5908, 0.2948, 0.3553
Android (android.graphics.Color)	4286488720 (0xFF7EA090)
YUV	148.0100, -1.9769, -19.3028
Hunter-Lab	56.2057, -15.1164, 6.5261

Details

The Yxy color **31.5908, 0.2948, 0.3553** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.3509, 0.3352, 0.3041**, and the grayscale version is **29.6338, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2618, 0.2982, 0.3498**, and **13.0698, 0.2879, 0.3631** is the 20% darker color. If you saturate the color by 10%, you get **30.2489, 0.2870, 0.3697**, and if you desaturate by 10%, it is **33.1452, 0.3031, 0.3422**.

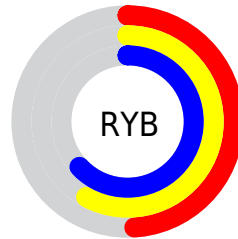
Distribution



Red (49%)

Green (63%)

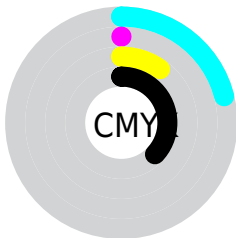
Blue (56%)



Red (49%)

Yellow (58%)

Blue (63%)

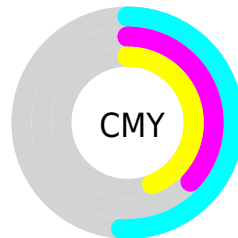


Cyan (21%)

Magenta (0%)

Yellow (10%)

Black (37%)



Cyan (51%)

Magenta (37%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5908, 0.2948, 0.3553 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 31.5908, 0.2948, 0.3553 by changing the saturation by 10% instead.


 31.5908, 0.2948,
0.3553


 31.5908, 0.2948,
0.3553


309.2510, 0.3045,
0.3411


 21.0491, 0.2921,
0.3593


 62.1690, 0.2985,
0.3498

 13.1599, 0.2885,
0.3647


 82.9744, 0.2998,
0.3479

 7.5388, 0.2834,
0.3724


 107.9698, 0.3009,
0.3463

 3.8013, 0.2755,
0.3843

137.5396, 0.3019,
0.3449

 1.5630, 0.2619,
0.4052

172.0682, 0.3026,
0.3437

 0.3325, 0.0000,
0.8726

211.9401, 0.3033,

 0.0000, 0.0000,

0.3427

0.0000

257.5395, 0.3039,
0.3418

■ 31.5908, 0.2948,
0.3553

■ 31.5908, 0.2948,
0.3553

■ 30.2489, 0.2870,
0.3697

■ 33.1452, 0.3031,
0.3422

■ 29.1061, 0.2800,
0.3854

■ 34.9170, 0.3116,
0.3304

■ 28.1533, 0.2742,
0.4022

■ 36.9160, 0.3203,
0.3198

■ 27.3793, 0.2697,
0.4197

■ 39.1500, 0.3288,
0.3105

■ 26.7717, 0.2669,
0.4378

■ 41.6267, 0.3372,
0.3023

■ 26.3164, 0.2660,
0.4559

■ 44.3532, 0.3453,
0.2951

■ 25.9966, 0.2671,
0.4737

■ 47.3364, 0.3531,
0.2888

■ 25.7938, 0.2691,
0.4887

■ 50.5829, 0.3605,
0.2833

■ 51.1401, 0.3543,
0.2760

Harmonies

Analogous

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



31.5908, 0.3195, 0.3704



31.5908, 0.2948, 0.3553



31.5908, 0.2754, 0.3326

Triad

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



31.5908, 0.2948, 0.3553



31.5908, 0.2820, 0.2874



31.5908, 0.3620, 0.3450

Complementary

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



31.5908, 0.2948, 0.3553



24.3509, 0.3352, 0.3041

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.



31.5908, 0.3512, 0.3238



31.5908, 0.2948, 0.3553



31.5908, 0.3043, 0.2915

Square

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



31.5908, 0.2948, 0.3553



31.5908, 0.2682, 0.2937



31.5908, 0.3298, 0.3047



31.5908, 0.3589, 0.3631

Rectangle

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



31.5908, 0.2948, 0.3553



31.5908, 0.2677, 0.3170



31.5908, 0.3298, 0.3047



31.5908, 0.3599, 0.3380

Sweetspot

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



31.5921, 0.2948, 0.3553



61.7817, 0.3075, 0.3360



32.4376, 0.3260, 0.3836



13.5076, 0.3069, 0.3367



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.



31.5921, 0.2948, 0.3553



56.2834, 0.2914, 0.3613



31.9198, 0.2818, 0.3280



7.4569, 0.3048, 0.3397



20.1023, 0.2687, 0.4872



0.3680, 0.2495, 0.4182

Inverse Universe

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



24.3509, 0.3352, 0.3041



40.9772, 0.3409, 0.2989



24.0503, 0.3540, 0.3300



6.6954, 0.3214, 0.3185



6.2285, 0.5041, 0.2550



0.1199, 0.4174, 0.2073

Previews

White Background



This preview shows how the Yxy color 31.5908, 0.2948, 0.3553 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 31.5908, 0.2948, 0.3553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

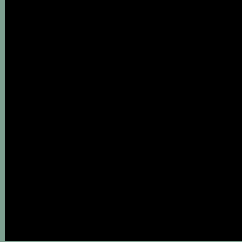
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5908, 0.2948, 0.3553

Background



This preview shows how black text looks on a background with the Yxy color 31.5908, 0.2948, 0.3553.



This preview shows how white text looks on a background with the Yxy color 31.5908, 0.2948, 0.3553.

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

31.5908, 0.2948, 0.3553

Protanopia

31.5897, 0.3313, 0.3490

Deuteranopia

31.4090, 0.3359, 0.3291



Tritanopia

31.4668, 0.2786, 0.3085

Trichromacy



Original Color

31.5908, 0.2948, 0.3553

Protanomaly

31.4768, 0.3166, 0.3512

Deuteranomaly

31.3041, 0.3194, 0.3383

Tritanomaly

31.3191, 0.2841, 0.3241

Monochromacy



Original Color

31.5908, 0.2948, 0.3553

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.1385, 0.3054, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5908, 0.2948, 0.3553 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(126, 160, 144)` looks like.

```
.text, #text, p{  
    color:rgb(126, 160, 144)  
}
```

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(126, 160, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 160, 144) }
```

Border

The CSS property to change the border of an element to Yxy 31.5908, 0.2948, 0.3553 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(126, 160, 144) }
```

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

```
.border{ border-color:rgb(126, 160, 144) }
```

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

Here you see how a box with a 4 pixel rgb(126, 160, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 160, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 160, 144);  
box-shadow:4px 4px 4px 4px rgb(126, 160,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5908, 0.2948, 0.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 160, 144) }
```

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

```
.background{ background-color: rgb(126,  
160, 144) }
```

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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