

Converting Colors

$Yxy(30.8833, 0.2527, 0.3116)$

Have a look what the booklet for
Yxy(30.8833, 0.2527, 0.3116)
contains.

Yxy(31.0267, 0.2530, 0.3123)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(31.0267, 0.2530, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	62A1AB
RGB	98, 161, 171
RGB Percent	38%, 63%, 67%
CMY	0.6155, 0.3686, 0.3294
CMYK	0.43, 0.06, 0.00, 0.33
HSL	188°, 30%, 53%
HSV	188°, 43%, 67%
XYZ	25.1353, 31.0267, 43.1870
YIQ	143.3030, -40.7580, -10.2460

Conversions

Conversions Part 2

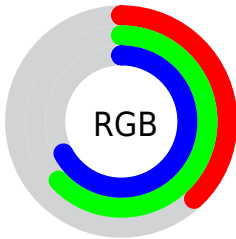
Format	Color
RYB	98, 132, 171
Decimal	6463915
CIELab	62.53, -17.56, -11.55
CIElCh	63, 21.015, 213.341
Yxy	31.0267, 0.2530, 0.3123
Android (android.graphics.Color)	4284653995 (0xFF62A1AB)
YUV	143.3030, 13.6546, -39.7307
Hunter-Lab	55.7016, -16.9299, -6.9781

Details

The Yxy color **31.0267, 0.2530, 0.3123** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **20.2734, 0.4141, 0.3446**, and the grayscale version is **27.5565, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2781, 0.2646, 0.3165**, and **12.7828, 0.2333, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **29.3645, 0.2419, 0.3077**, and if you desaturate by 10%, it is **32.9099, 0.2655, 0.3167**.

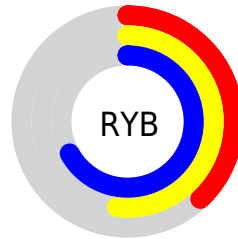
Distribution



Red (38%)

Green (63%)

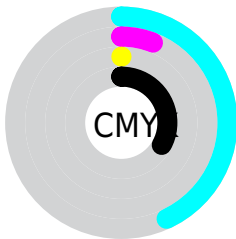
Blue (67%)



Red (38%)

Yellow (52%)

Blue (67%)

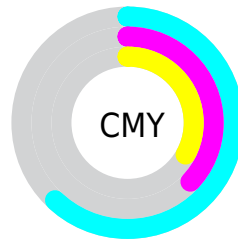


Cyan (43%)

Magenta (6%)

Yellow (0%)

Black (33%)



Cyan (62%)


Magenta (37%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0267, 0.2530, 0.3123 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 31.0267, 0.2530, 0.3123 by changing the saturation by 10% instead.


 31.0267, 0.2530,
0.3123


 31.0267, 0.2530,
0.3123


306.6613, 0.2843,
0.3218

 20.6192, 0.2448,
0.3095


 61.2821, 0.2647,
0.3161


 12.8459, 0.2339,
0.3056


 81.8988, 0.2690,
0.3174

 7.3225, 0.2191,
0.2998


 106.6873, 0.2726,
0.3185

 3.6646, 0.1976,
0.2906

 136.0320, 0.2756,
0.3194

 1.4878, 0.1641,
0.2741

170.3174, 0.2782,
0.3201

 0.2801, 0.0000,
0.2000

209.9278, 0.2805,

 0.0000, 0.0000,

0.3208

0.0000

255.2477, 0.2825,
0.3214

■ 31.0267, 0.2530,
0.3123

■ 31.0267, 0.2530,
0.3123

■ 29.3645, 0.2419,
0.3077

■ 32.9099, 0.2655,
0.3167

■ 27.9065, 0.2323,
0.3031

■ 35.0224, 0.2792,
0.3208

■ 26.6392, 0.2246,
0.2983

■ 37.3765, 0.2937,
0.3246

■ 25.5460, 0.2188,
0.2935

■ 39.9825, 0.3087,
0.3281

■ 24.6068, 0.2148,
0.2888

■ 42.8502, 0.3239,
0.3313

■ 23.9831, 0.2126,
0.2853

■ 45.9886, 0.3392,
0.3342

■ 49.4064, 0.3543,
0.3368

■ 53.1120, 0.3691,
0.3390

■ 57.1133, 0.3834,
0.3410

Harmonies

Analogous

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



31.0267, 0.2702, 0.3445



31.0267, 0.2530, 0.3123



31.0267, 0.2509, 0.2873

Triad

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



31.0267, 0.2530, 0.3123



31.0267, 0.3239, 0.2898



31.0267, 0.3620, 0.3850

Complementary

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



31.0267, 0.2530, 0.3123



20.2734, 0.4141, 0.3446

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.



31.0267, 0.3784, 0.3666



31.0267, 0.2530, 0.3123



31.0267, 0.3560, 0.3127

Square

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



31.0267, 0.2530, 0.3123



31.0267, 0.2903, 0.2762



31.0267, 0.3763, 0.3402



31.0267, 0.3327, 0.3885

Rectangle

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



31.0267, 0.2530, 0.3123



31.0267, 0.2581, 0.2775



31.0267, 0.3763, 0.3402



31.0267, 0.3692, 0.3802

Sweetspot

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



31.0279, 0.2530, 0.3123



66.6948, 0.2928, 0.3244



32.7996, 0.2998, 0.4410



14.6631, 0.2896, 0.3236



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0279, 0.2530, 0.3123



52.8090, 0.2426, 0.3081



20.1541, 0.2425, 0.2481



8.8821, 0.2986, 0.3258



18.1385, 0.2127, 0.2858



0.5551, 0.2167, 0.3001

Inverse Universe

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



19.9742, 0.3298, 0.2387



30.8539, 0.3344, 0.2209



29.5604, 0.3904, 0.3978



8.1289, 0.3158, 0.3097



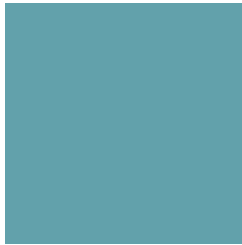
8.1341, 0.3582, 0.1747



0.2314, 0.3454, 0.1676

Previews

White Background



This preview shows how the Yxy color 31.0267, 0.2530, 0.3123 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 31.0267, 0.2530, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

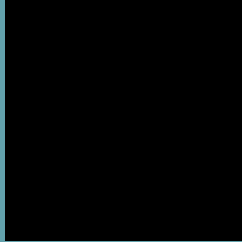
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0267, 0.2530, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 31.0267, 0.2530, 0.3123.



This preview shows how white text looks on a background with the Yxy color 31.0267, 0.2530, 0.3123.

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

31.0267, 0.2530, 0.3123

Protanopia

30.8826, 0.2989, 0.3076

Deuteranopia

30.7935, 0.2948, 0.2891



Tritanopia

31.1984, 0.2517, 0.3075

Trichromacy



Original Color

31.0267, 0.2530, 0.3123

Protanomaly

30.6470, 0.2790, 0.3083

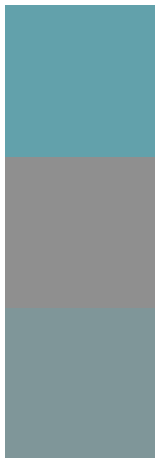
Deuteranomaly

30.5419, 0.2775, 0.2963

Tritanomaly

31.1595, 0.2523, 0.3091

Monochromacy



Original Color

31.0267, 0.2530, 0.3123

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.6246, 0.2876, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0267, 0.2530, 0.3123 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(98, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(98, 161, 171)  
}
```

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(98, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 161, 171) }
```

Border

The CSS property to change the border of an element to Yxy 31.0267, 0.2530, 0.3123 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(98, 161, 171) }
```

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

```
.border{ border-color:rgb(98, 161, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 161, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 161, 171);  
box-shadow:4px 4px 4px 4px rgb(98, 161,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0267, 0.2530, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 161, 171) }
```

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

```
.background{ background-color: rgb(98, 161,  
171) }
```

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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