

Converting Colors

$Yxy(31.3618, 0.2209, 0.2855)$

Have a look what the booklet for
Yxy(31.3618, 0.2209, 0.2855)
contains.

Yxy(31.4019, 0.2212, 0.2861)	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(31.4019, 0.2212, 0.2861)

Conversions

Conversions Part 1

Format	Color
Hex	34A5BF
RGB	52, 165, 191
RGB Percent	20%, 65%, 75%
CMY	0.7958, 0.3530, 0.2509
CMYK	0.73, 0.14, 0.00, 0.25
HSL	191°, 57%, 48%
HSV	191°, 73%, 75%
XYZ	24.2786, 31.4019, 54.0780
YIQ	134.1770, -75.6940, -15.8700

Conversions

Conversions Part 2

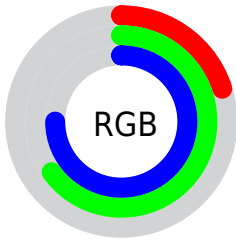
Format	Color
R_{YB}	52, 114, 191
Decimal	3450303
CIE _{Lab}	62.85, -22.60, -22.45
CIE _{LCh}	63, 31.855, 224.799
Yxy	31.4019, 0.2212, 0.2861
Android (android.graphics.Color)	4281640383 (0xFF34A5BF)
YUV	134.1770, 28.0137, -72.0692
Hunter-Lab	56.0374, -20.7291, -17.9907

Details

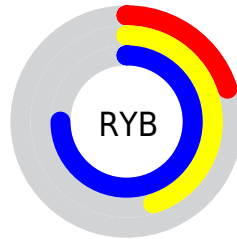
The Yxy color **31.4019, 0.2212, 0.2861** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **16.7875, 0.5306, 0.3586**, and the grayscale version is **23.8322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.7534, 0.2387, 0.2956**, and **13.6452, 0.2088, 0.2715** is the 20% darker color. If you saturate the color by 10%, you get **29.7217, 0.2148, 0.2793**, and if you desaturate by 10%, it is **33.3255, 0.2296, 0.2928**.

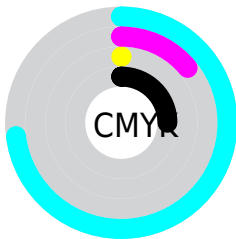
Distribution



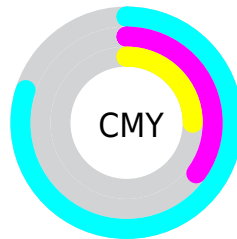
- Red (20%)
- Green (65%)
- Blue (75%)



- Red (20%)
- Yellow (45%)
- Blue (75%)



- Cyan (73%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)





- Cyan (80%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4019, 0.2212, 0.2861 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 31.4019, 0.2212, 0.2861 by changing the saturation by 10% instead.

 31.4019, 0.2212,
0.2861


 31.4019, 0.2212,
0.2861


308.3856, 0.2681,
0.3101

 20.9051, 0.2093,
0.2793


 61.8723, 0.2384,
0.2954

 13.0546, 0.1941,
0.2702


 82.6146, 0.2448,
0.2987


 7.4662, 0.1739,
0.2572


 107.5409, 0.2502,
0.3014

 3.7553, 0.1462,
0.2377

 137.0356, 0.2549,
0.3037

 1.5377, 0.1073,
0.2062

 171.4830, 0.2588,
0.3057

 0.3150, 0.0000,
0.1225

211.2675, 0.2623,

 0.0000, 0.0000,

0.3073

0.0000

256.7736, 0.2654,
0.3088

■ 31.4019, 0.2212,
0.2861

■ 31.4019, 0.2212,
0.2861

■ 29.7217, 0.2148,
0.2793

■ 33.3255, 0.2296,
0.2928

■ 28.2547, 0.2102,
0.2726

■ 35.5115, 0.2397,
0.2994

■ 27.2870, 0.2077,
0.2678

■ 37.9805, 0.2515,
0.3058

■ 40.7499, 0.2645,
0.3119

■ 43.8357, 0.2786,
0.3176

■ 47.2527, 0.2934,
0.3229

■ 51.0144, 0.3085,
0.3278

■ 55.1338, 0.3238,
0.3321

■ 59.6231, 0.3390,
0.3361

Harmonies

Analogous

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



31.4019, 0.2374, 0.3321



31.4019, 0.2212, 0.2861



31.4019, 0.2268, 0.2571

Triad

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



31.4019, 0.2212, 0.2861



31.4019, 0.3487, 0.2829



31.4019, 0.3702, 0.4188

Complementary

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



31.4019, 0.2212, 0.2861



16.7875, 0.5306, 0.3586

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.



31.4019, 0.4046, 0.3957



31.4019, 0.2212, 0.2861



31.4019, 0.3930, 0.3187

Square

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



31.4019, 0.2212, 0.2861



31.4019, 0.2969, 0.2578



31.4019, 0.4138, 0.3589



31.4019, 0.3219, 0.4157

Rectangle

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



31.4019, 0.2212, 0.2861



31.4019, 0.2422, 0.2490



31.4019, 0.4138, 0.3589



31.4019, 0.3838, 0.4135

Sweetspot

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



31.4030, 0.2212, 0.2861



78.7273, 0.2792, 0.3178



38.5423, 0.2918, 0.5252



16.9407, 0.2752, 0.3163



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



31.4030, 0.2212, 0.2861



51.6998, 0.2120, 0.2755



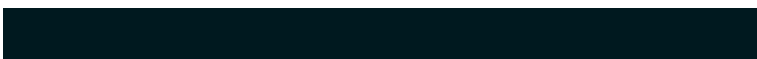
12.8724, 0.1904, 0.1632



10.4975, 0.2985, 0.3246



18.0404, 0.2080, 0.2687



0.7866, 0.2124, 0.2847

Inverse Universe

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



16.2567, 0.3558, 0.1960



25.3870, 0.3670, 0.1853



32.1982, 0.4489, 0.4441



9.6648, 0.3165, 0.3105



8.8509, 0.3741, 0.1834



0.3548, 0.3592, 0.1752

Previews

White Background



This preview shows how the Yxy color 31.4019, 0.2212, 0.2861 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 31.4019, 0.2212, 0.2861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

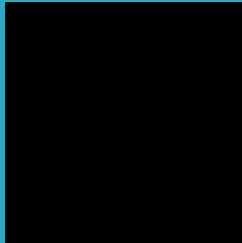
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4019, 0.2212, 0.2861

Background



This preview shows how black text looks on a background with the Yxy color 31.4019, 0.2212, 0.2861.

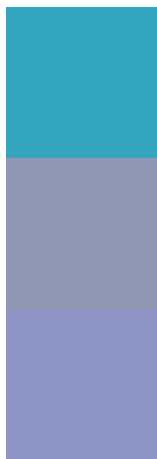


This preview shows how white text looks on a background with the Yxy color 31.4019, 0.2212, 0.2861.

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

31.4019, 0.2212, 0.2861

Protanopia

31.1277, 0.2814, 0.2842

Deuteranopia

30.8707, 0.2669, 0.2608



Tritanopia

31.4682, 0.2251, 0.3067

Trichromacy



Original Color

31.4019, 0.2212, 0.2861

Protanomaly

30.2829, 0.2517, 0.2831

Deuteranomaly

30.2575, 0.2436, 0.2671

Tritanomaly

31.3375, 0.2235, 0.2986

Monochromacy



Original Color

31.4019, 0.2212, 0.2861

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

25.5604, 0.2649, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4019, 0.2212, 0.2861 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(52, 165, 191)` looks like.

```
.text, #text, p{  
  color:rgb(52, 165, 191)  
}
```

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(52, 165, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 165, 191) }
```

Border

The CSS property to change the border of an element to Yxy 31.4019, 0.2212, 0.2861 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(52, 165, 191) }
```

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

```
.border{ border-color:rgb(52, 165, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 165, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 165, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 165, 191);  
box-shadow:4px 4px 4px 4px rgb(52, 165,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4019, 0.2212, 0.2861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 165, 191) }
```

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

```
.background{ background-color: rgb(52, 165,  
191) }
```

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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