

Converting Colors

$Yxy(31.4762, 0.3223, 0.3231)$

Have a look what the booklet for
Yxy(31.4762, 0.3223, 0.3231)
contains.

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Color

Yxy(31.4762, 0.3223, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	A29599
RGB	162, 149, 153
RGB Percent	64%, 58%, 60%
CMY	0.3646, 0.4157, 0.4001
CMYK	0.00, 0.08, 0.06, 0.36
HSL	342°, 7%, 61%
HSV	342°, 8%, 64%
XYZ	31.3983, 31.4762, 34.5449
YIQ	153.3430, 6.4640, 4.0000

Conversions

Conversions Part 2

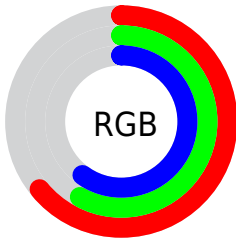
Format	Color
R_{YB}	162, 149, 153
Decimal	10655129
CIE _{Lab}	62.91, 5.52, -0.36
CIE _{LCh}	63, 5.534, 356.272
Yxy	31.4762, 0.3223, 0.3231
Android (android.graphics.Color)	4288845209 (0xFFA29599)
YUV	153.3430, -0.1691, 2.7592
Hunter-Lab	56.1037, 1.7157, 2.7657

Details

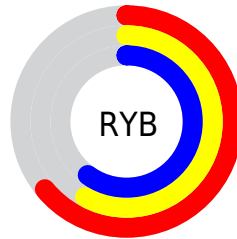
The Yxy color **31.4762, 0.3223, 0.3231** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7072, 0.3040, 0.3350**, and the grayscale version is **32.0120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9686, 0.3206, 0.3245**, and **13.0097, 0.3251, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **26.3478, 0.3366, 0.3153**, and if you desaturate by 10%, it is **37.3556, 0.3106, 0.3304**.

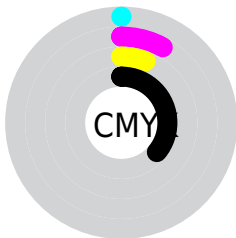
Distribution



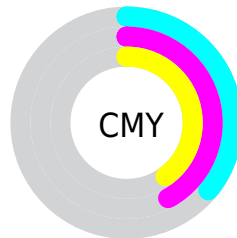
- Red (64%)
- Green (58%)
- Blue (60%)



- Red (64%)
- Yellow (58%)
- Blue (60%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (36%)





- Cyan (36%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4762, 0.3223, 0.3231 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 31.4762, 0.3223, 0.3231 by changing the saturation by 10% instead.


 31.4762, 0.3223,
0.3231


 31.4762, 0.3223,
0.3231


308.7262, 0.3172,
0.3262

 20.9617, 0.3237,
0.3222


 61.9890, 0.3204,
0.3243

 13.0960, 0.3255,
0.3211


 82.7562, 0.3197,
0.3247

 7.4947, 0.3282,
0.3195


107.7097, 0.3191,
0.3251

 3.7734, 0.3321,
0.3171

137.2339, 0.3186,
0.3254

 1.5476, 0.3388,
0.3130

171.7133, 0.3182,
0.3257

 0.3219, 0.3872,
0.2828

211.5322, 0.3178,


 0.0000, 0.0000,

0.3259


0.0000


257.0750, 0.3175,
0.3261


 31.4762, 0.3223,
0.3231


 31.4762, 0.3223,
0.3231


 26.3478, 0.3366,
0.3153


 37.3556, 0.3106,
0.3304


 21.9362, 0.3541,
0.3073


 44.0105, 0.3010,
0.3371


 18.2103, 0.3752,
0.2991

 51.4692, 0.2932,
0.3433

 15.1353, 0.4005,
0.2915

 59.7575, 0.2867,
0.3490

 12.6735, 0.4299,
0.2851

 68.8998, 0.2814,
0.3541

■ 10.7830, 0.4632,
0.2809

■ 78.9197, 0.2770,
0.3588

■ 9.4168, 0.4986,
0.2801

■ 85.0178, 0.2724,
0.3552

■ 8.5199, 0.5338,
0.2836

■ 85.6776, 0.2670,
0.3422

■ 7.9971, 0.5659,
0.2911

■ 86.3792, 0.2618,
0.3296

Harmonies

Analogous

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



31.4762, 0.3138, 0.3171



31.4762, 0.3223, 0.3231



31.4762, 0.3283, 0.3307

Triad

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



31.4762, 0.3223, 0.3231



31.4762, 0.3203, 0.3443



31.4762, 0.2957, 0.3197

Complementary

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



31.4762, 0.3223, 0.3231



34.7072, 0.3040, 0.3350

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.



31.4762, 0.2974, 0.3270



31.4762, 0.3223, 0.3231



31.4762, 0.3115, 0.3414

Square

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



31.4762, 0.3223, 0.3231



31.4762, 0.3271, 0.3430



31.4762, 0.3031, 0.3350



31.4762, 0.2985, 0.3150

Rectangle

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



31.4762, 0.3223, 0.3231



31.4762, 0.3300, 0.3357



31.4762, 0.3031, 0.3350



31.4762, 0.2958, 0.3219

Sweetspot

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



31.4776, 0.3223, 0.3231



63.3621, 0.3150, 0.3275



31.3632, 0.3095, 0.3096



14.2591, 0.3149, 0.3276



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.4776, 0.3223, 0.3231



55.0109, 0.3251, 0.3215



32.1115, 0.3258, 0.3326



7.1199, 0.3239, 0.3222



6.2360, 0.5698, 0.2912



0.1391, 0.4733, 0.2381

Inverse Universe

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



31.4776, 0.3223, 0.3231



55.0109, 0.3251, 0.3215



34.0132, 0.3006, 0.3254



7.1199, 0.3239, 0.3222



6.2360, 0.5698, 0.2912



0.1391, 0.4733, 0.2381

Previews

White Background



This preview shows how the Yxy color 31.4762, 0.3223, 0.3231 looks on a white background.

Color Contrast Check

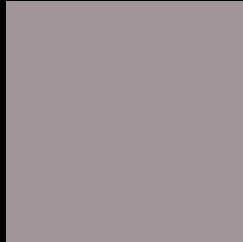
Large Text (above 18pt) WCAG AA × Fail

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 31.4762, 0.3223, 0.3231 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 31.4762, 0.3223, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 31.4762, 0.3223, 0.3231.



This preview shows how white text looks on a background with the Yxy color 31.4762, 0.3223, 0.3231.

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

31.4762, 0.3223, 0.3231

Protanopia

31.3363, 0.3129, 0.3244

Deuteranopia

31.2743, 0.3267, 0.3202



Tritanopia

31.5044, 0.3166, 0.3113

Trichromacy



Original Color

31.4762, 0.3223, 0.3231

Protanomaly

31.3139, 0.3160, 0.3230

Deuteranomaly

31.4790, 0.3255, 0.3216

Tritanomaly

31.4007, 0.3195, 0.3157

Monochromacy



Original Color

31.4762, 0.3223, 0.3231

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.8243, 0.3158, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4762, 0.3223, 0.3231 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(162, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(162, 149, 153)  
}
```

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(162, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 149, 153) }
```

Border

The CSS property to change the border of an element to Yxy 31.4762, 0.3223, 0.3231 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(162, 149, 153) }
```

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

```
.border{ border-color:rgb(162, 149, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 149, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(162, 149,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4762, 0.3223, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 149, 153) }
```

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

```
.background{ background-color: rgb(162,  
149, 153) }
```

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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