

Converting Colors

$Y_{xy}(34.2781, 0.3151, 0.3203)$

Have a look what the booklet for
Yxy(34.2781, 0.3151, 0.3203)
contains.

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Color

Yxy(34.2781, 0.3151, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	A49CA2
RGB	164, 156, 162
RGB Percent	64%, 61%, 64%
CMY	0.3568, 0.3882, 0.3647
CMYK	0.00, 0.05, 0.01, 0.36
HSL	315°, 4%, 63%
HSV	315°, 5%, 64%
XYZ	33.7216, 34.2781, 39.0190
YIQ	159.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

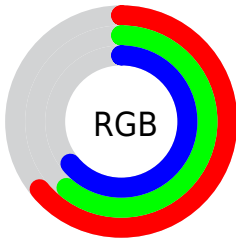
Format	Color
RYB	164, 156, 162
Decimal	10788002
CIELab	65.18, 4.04, -2.09
CIELCh	65, 4.547, 332.655
Yxy	34.2781, 0.3151, 0.3203
Android (android.graphics.Color)	4288978082 (0xFFA49CA2)
YUV	159.0760, 1.4415, 4.3183
Hunter-Lab	58.5475, 0.3525, 1.4694

Details

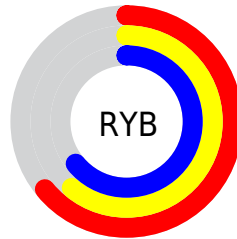
The Yxy color **34.2781, 0.3151, 0.3203** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0933, 0.3104, 0.3379**, and the grayscale version is **34.7012, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1630, 0.3146, 0.3213**, and **14.6737, 0.3160, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **28.9972, 0.3206, 0.3019**, and if you desaturate by 10%, it is **40.3101, 0.3104, 0.3379**.

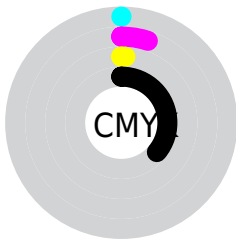
Distribution



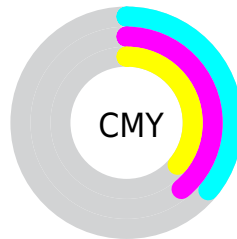
- Red (64%)
- Green (61%)
- Blue (64%)



- Red (64%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (36%)





- Cyan (36%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2781, 0.3151, 0.3203 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 34.2781, 0.3151, 0.3203 by changing the saturation by 10% instead.

 34.2781, 0.3151,
0.3203


 34.2781, 0.3151,
0.3203

321.3703, 0.3139,
0.3249

 23.1073, 0.3154,
0.3191


 66.3659, 0.3146,
0.3220

 14.6728, 0.3159,
0.3175

 88.0517, 0.3145,
0.3226

 8.5901, 0.3164,
0.3153

114.0113, 0.3143,
0.3232

 4.4748, 0.3173,
0.3120

144.6292, 0.3142,
0.3236

 1.9425, 0.3187,
0.3068

180.2896, 0.3141,
0.3240

 0.5738, 0.3238,
0.2885

221.3770, 0.3140,

 0.0000, 0.0000,

0.3243

0.0000

268.2758, 0.3139,
0.3246

■ 34.2781, 0.3151,
0.3203

■ 34.2781, 0.3151,
0.3203

■ 28.9972, 0.3206,
0.3019

■ 40.3101, 0.3104,
0.3379

■ 24.4332, 0.3269,
0.2830

■ 47.1167, 0.3064,
0.3543

■ 20.5562, 0.3342,
0.2640

■ 54.7259, 0.3031,
0.3697

■ 17.3320, 0.3424,
0.2457

■ 63.1629, 0.3003,
0.3838

■ 14.7239, 0.3514,
0.2290

■ 72.4519, 0.2980,
0.3968

■ 12.6913, 0.3610,
0.2148

■ 82.6161, 0.2960,
0.4087

■ 11.1887, 0.3711,
0.2040

■ 83.1719, 0.2939,
0.4042

■ 10.1639, 0.3812,
0.1975

■ 83.3562, 0.2918,
0.3992

■ 9.5521, 0.3911,
0.1956

■ 83.5458, 0.2897,
0.3941

Harmonies

Analogous

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



34.2781, 0.3080, 0.3173



34.2781, 0.3151, 0.3203



34.2781, 0.3216, 0.3255

Triad

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



34.2781, 0.3151, 0.3203



34.2781, 0.3233, 0.3407



34.2781, 0.2999, 0.3261

Complementary

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



34.2781, 0.3151, 0.3203



36.0933, 0.3104, 0.3379

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.



34.2781, 0.3039, 0.3325



34.2781, 0.3151, 0.3203



34.2781, 0.3173, 0.3410

Square

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



34.2781, 0.3151, 0.3203



34.2781, 0.3264, 0.3373



34.2781, 0.3102, 0.3380



34.2781, 0.2993, 0.3206

Rectangle

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



34.2781, 0.3151, 0.3203



34.2781, 0.3247, 0.3296



34.2781, 0.3102, 0.3380



34.2781, 0.3009, 0.3282

Sweetspot

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



34.2796, 0.3151, 0.3203



66.2799, 0.3132, 0.3272



33.7274, 0.3074, 0.3172



14.5040, 0.3132, 0.3273



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.



34.2796, 0.3151, 0.3203



60.9633, 0.3157, 0.3181



34.1398, 0.3188, 0.3261



7.5110, 0.3159, 0.3174



7.1501, 0.3953, 0.1951



0.1571, 0.3634, 0.1776

Inverse Universe

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



34.2796, 0.3151, 0.3203



60.9633, 0.3157, 0.3181



36.2331, 0.3070, 0.3319



7.5110, 0.3159, 0.3174



7.1501, 0.3953, 0.1951



0.1571, 0.3634, 0.1776

Previews

White Background



This preview shows how the Yxy color 34.2781, 0.3151, 0.3203 looks on a white background.

Color Contrast Check

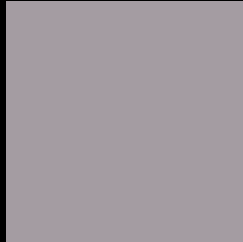
Large Text (above 18pt) WCAG AA × Fail

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 34.2781, 0.3151, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

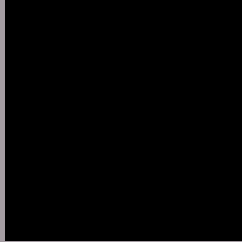
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

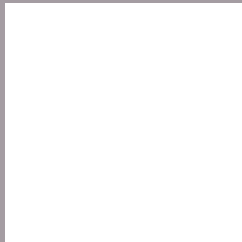
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.2781, 0.3151, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 34.2781, 0.3151, 0.3203.



This preview shows how white text looks on a background with the Yxy color 34.2781, 0.3151, 0.3203.

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

34.2781, 0.3151, 0.3203

Protanopia

34.2319, 0.3102, 0.3202

Deuteranopia

34.1975, 0.3224, 0.3148



Tritanopia

34.2320, 0.3116, 0.3117

Trichromacy



Original Color

34.2781, 0.3151, 0.3203

Protanomaly

34.3354, 0.3112, 0.3202

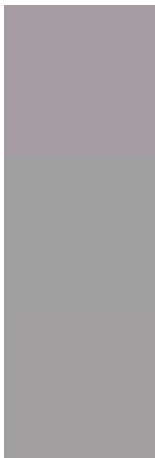
Deuteranomaly

34.1906, 0.3193, 0.3161

Tritanomaly

34.1586, 0.3134, 0.3146

Monochromacy



Original Color

34.2781, 0.3151, 0.3203

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.5689, 0.3138, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2781, 0.3151, 0.3203 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(164, 156, 162)` looks like.

```
.text, #text, p{  
    color:rgb(164, 156, 162)  
}
```

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(164, 156, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 156, 162) }
```

Border

The CSS property to change the border of an element to Yxy 34.2781, 0.3151, 0.3203 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(164, 156, 162) }
```

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

```
.border{ border-color:rgb(164, 156, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 156, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 156, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 156, 162);  
box-shadow:4px 4px 4px 4px rgb(164, 156,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2781, 0.3151, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 156, 162) }
```

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

```
.background{ background-color: rgb(164,  
156, 162) }
```

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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