

Converting Colors

$Y_{xy}(36.1101, 0.2934, 0.2969)$

Have a look what the booklet for
Yxy(36.1101, 0.2934, 0.2969)
contains.

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Color

Yxy(36.0341, 0.2931, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	A0A0B7
RGB	160, 160, 183
RGB Percent	63%, 63%, 72%
CMY	0.3724, 0.3726, 0.2824
CMYK	0.13, 0.13, 0.00, 0.28
HSL	240°, 14%, 67%
HSV	240°, 13%, 72%
XYZ	35.6209, 36.0341, 49.8765
YIQ	162.6220, -7.3830, 7.1530

Conversions

Conversions Part 2

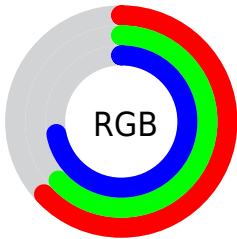
Format	Color
R _Y B	160, 160, 183
Decimal	10526903
CIE Lab	66.55, 4.69, -11.85
CIE LCh	67, 12.746, 291.578
Yxy	36.0341, 0.2931, 0.2965
Android (android.graphics.Color)	4288716983 (0xFFA0A0B7)
YUV	162.6220, 10.0464, -2.2995
Hunter-Lab	60.0284, 0.8723, -7.2431

Details

The Yxy color **36.0341, 0.2931, 0.2965** is a light color, and the websafe version is hex **999999**. A complement of this color would be **46.4656, 0.3312, 0.3596**, and the grayscale version is **36.3961, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.2799, 0.2970, 0.3030**, and **15.7371, 0.2864, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **28.4047, 0.2752, 0.2669**, and if you desaturate by 10%, it is **44.8768, 0.3090, 0.3228**.

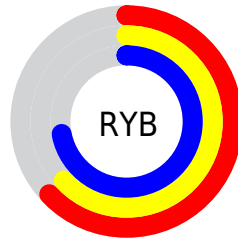
Distribution



Red (63%)

Green (63%)

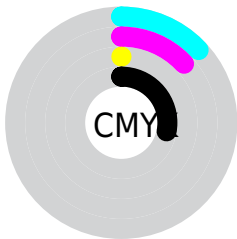
Blue (72%)



Red (63%)

Yellow (63%)

Blue (72%)

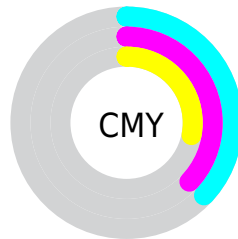


Cyan (13%)

Magenta (13%)

Yellow (0%)

Black (28%)



Cyan (37%)

Magenta (37%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.0341, 0.2931, 0.2965 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 36.0341, 0.2931, 0.2965 by changing the saturation by 10% instead.

■ 36.0341, 0.2931,
0.2965

■ 36.0341, 0.2931,
0.2965

■ 329.1096, 0.3034,
0.3132

■ 24.4605, 0.2904,
0.2922

■ 69.0847, 0.2969,
0.3027

■ 15.6756, 0.2868,
0.2866

■ 91.3305, 0.2983,
0.3050

■ 9.2949, 0.2819,
0.2789

■ 117.9025, 0.2995,
0.3069

■ 4.9340, 0.2747,
0.2680

■ 149.1852, 0.3005,
0.3085

■ 2.2086, 0.2633,
0.2510

■ 185.5628, 0.3014,
0.3099

■ 0.7247, 0.2431,
0.2193

■ 227.4198, 0.3021,

■ 0.0000, 0.0000,

0.3112

0.0000

275.1406, 0.3028,
0.3122

■ 36.0341, 0.2931,
0.2965

■ 36.0341, 0.2931,
0.2965

■ 28.4047, 0.2752,
0.2669

■ 44.8768, 0.3090,
0.3228

■ 21.9316, 0.2555,
0.2342

■ 54.9779, 0.3228,
0.3457

■ 16.5597, 0.2345,
0.1995

■ 66.3854, 0.3348,
0.3656

■ 12.2277, 0.2132,
0.1643

■ 79.1437, 0.3451,
0.3827

■ 8.8685, 0.1930,
0.1309

■ 93.2949, 0.3539,
0.3973

■ 6.4068, 0.1754,
0.1019

■ 96.1989, 0.3556,
0.3998

■ 4.7566, 0.1621,
0.0798

■ 3.8151, 0.1537,
0.0660

■ 3.4213, 0.1501,
0.0600

Harmonies

Analogous

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



36.0341, 0.2801, 0.2994



36.0341, 0.2931, 0.2965



36.0341, 0.3117, 0.3018

Triad

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



36.0341, 0.2931, 0.2965



36.0341, 0.3513, 0.3459



36.0341, 0.2942, 0.3449

Complementary

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



36.0341, 0.2931, 0.2965



46.4656, 0.3312, 0.3596

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.



36.0341, 0.3128, 0.3585



36.0341, 0.2931, 0.2965



36.0341, 0.3461, 0.3584

Square

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



36.0341, 0.2931, 0.2965



36.0341, 0.3457, 0.3297



36.0341, 0.3319, 0.3633



36.0341, 0.2807, 0.3269

Rectangle

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



36.0341, 0.2931, 0.2965



36.0341, 0.3248, 0.3092



36.0341, 0.3319, 0.3633



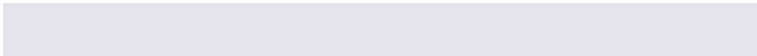
36.0341, 0.3000, 0.3502

Sweetspot

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



36.0356, 0.2931, 0.2965



77.8676, 0.3067, 0.3191



44.7583, 0.2938, 0.3289



16.9236, 0.3056, 0.3172



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



36.0356, 0.2931, 0.2965



60.6744, 0.2885, 0.2889



37.2715, 0.3035, 0.2975



8.7204, 0.2985, 0.3054



2.3872, 0.1501, 0.0601



0.0845, 0.1504, 0.0602

Inverse Universe

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



38.6230, 0.3142, 0.2986



66.1922, 0.3145, 0.2920



45.1181, 0.3211, 0.3605



9.1624, 0.3138, 0.3065



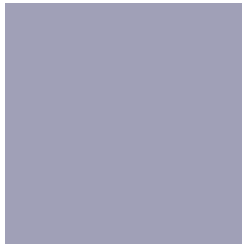
9.3972, 0.3214, 0.1544



0.3314, 0.3213, 0.1544

Previews

White Background



This preview shows how the Yxy color 36.0341, 0.2931, 0.2965 looks on a white background.

Color Contrast Check

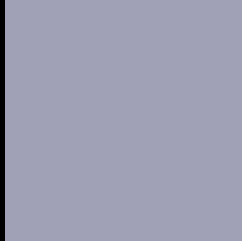
Large Text (above 18pt) WCAG AA × Fail

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 36.0341, 0.2931, 0.2965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

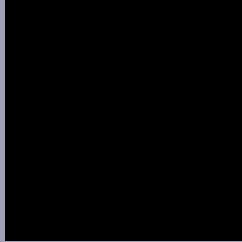
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

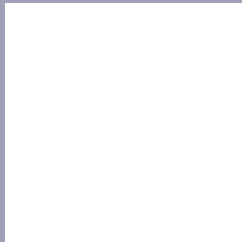
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.0341, 0.2931, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 36.0341, 0.2931, 0.2965.



This preview shows how white text looks on a background with the Yxy color 36.0341, 0.2931, 0.2965.

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

36.0341, 0.2931, 0.2965

Protanopia

36.1777, 0.2913, 0.2978

Deuteranopia

36.0881, 0.2994, 0.2943



Tritanopia

35.9167, 0.2996, 0.3103

Trichromacy



Original Color

36.0341, 0.2931, 0.2965

Protanomaly

36.2796, 0.2922, 0.2979

Deuteranomaly

36.1077, 0.2966, 0.2954

Tritanomaly

36.0350, 0.2971, 0.3061

Monochromacy



Original Color

36.0341, 0.2931, 0.2965

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.4243, 0.3058, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0341, 0.2931, 0.2965 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(160, 160, 183)` looks like.

```
.text, #text, p{  
    color:rgb(160, 160, 183)  
}
```

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(160, 160, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 160, 183) }
```

Border

The CSS property to change the border of an element to Yxy 36.0341, 0.2931, 0.2965 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(160, 160, 183) }
```

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

```
.border{ border-color:rgb(160, 160, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 160, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(160, 160, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(160, 160, 183); box-shadow:4px 4px 4px 4px rgb(160, 160, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0341, 0.2931, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 160, 183) }
```

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

```
.background{ background-color: rgb(160,  
160, 183) }
```

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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