

Converting Colors

$Yxy(30.0086, 0.3006, 0.3091)$

Have a look what the booklet for
Yxy(30.0086, 0.3006, 0.3091)
contains.

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Color

Yxy(30.0489, 0.3006, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	9494A1
RGB	148, 148, 161
RGB Percent	58%, 58%, 63%
CMY	0.4195, 0.4196, 0.3685
CMYK	0.08, 0.08, 0.00, 0.37
HSL	240°, 6%, 61%
HSV	240°, 8%, 63%
XYZ	29.2415, 30.0489, 37.9867
YIQ	149.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

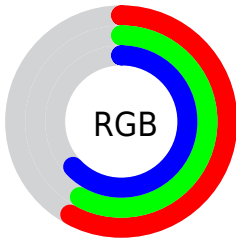
Format	Color
R_{YB}	148, 148, 161
Decimal	9737377
CIE Lab	61.70, 2.64, -6.84
CIE LCh	62, 7.328, 291.121
Yxy	30.0489, 0.3006, 0.3089
Android (android.graphics.Color)	4287927457 (0xFF9494A1)
YUV	149.4820, 5.6784, -1.2997
Hunter-Lab	54.8169, -0.7105, -2.7147

Details

The Yxy color **30.0489, 0.3006, 0.3089** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.2102, 0.3244, 0.3483**, and the grayscale version is **30.2483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7555, 0.3029, 0.3127**, and **12.2166, 0.2952, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **23.9507, 0.2838, 0.2811**, and if you desaturate by 10%, it is **37.0599, 0.3154, 0.3334**.

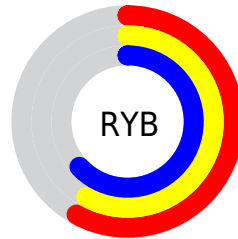
Distribution



Red (58%)

Green (58%)

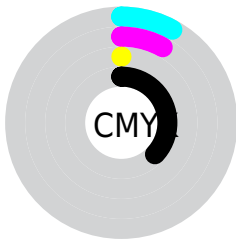
Blue (63%)



Red (58%)

Yellow (58%)

Blue (63%)

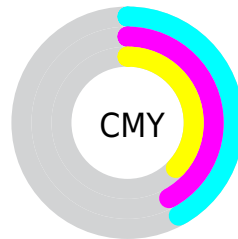


Cyan (8%)

Magenta (8%)

Yellow (0%)

Black (37%)



Cyan (42%)

Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.0489, 0.3006, 0.3089 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 30.0489, 0.3006, 0.3089 by changing the saturation by 10% instead.

■ 30.0489, 0.3006,
0.3089

■ 30.0489, 0.3006,
0.3089

302.1323, 0.3071,
0.3196

■ 19.8757, 0.2988,
0.3060

■ 59.7395, 0.3031,
0.3130

■ 12.3047, 0.2964,
0.3021

■ 80.0257, 0.3040,
0.3144

■ 6.9516, 0.2929,
0.2966

104.4517, 0.3047,
0.3157

■ 3.4318, 0.2877,
0.2884

133.4019, 0.3054,
0.3167

■ 1.3611, 0.2787,
0.2746

167.2606, 0.3059,
0.3176

■ 0.1878, 0.2183,
0.1687

206.4124, 0.3064,

■ 0.0000, 0.0000,

0.3183

0.0000

251.2415, 0.3068,
0.3190

■ 30.0489, 0.3006,
0.3089

■ 30.0489, 0.3006,
0.3089

■ 23.9507, 0.2838,
0.2811

■ 37.0599, 0.3154,
0.3334

■ 18.7242, 0.2651,
0.2501

■ 45.0150, 0.3282,
0.3548

■ 14.3307, 0.2449,
0.2166

■ 53.9488, 0.3393,
0.3732

■ 10.7272, 0.2238,
0.1817

■ 63.8931, 0.3489,
0.3890

■ 7.8669, 0.2031,
0.1474

■ 74.8780, 0.3571,
0.4027

■ 5.6979, 0.1841,
0.1161

■ 86.9325, 0.3641,
0.4143

■ 4.1618, 0.1685,
0.0904

■ 95.3540, 0.3683,
0.4209

■ 3.1906, 0.1576,
0.0723

■ 2.6638, 0.1512,
0.0618

Harmonies

Analogous

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



30.0489, 0.2926, 0.3109



30.0489, 0.3006, 0.3089



30.0489, 0.3120, 0.3120

Triad

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



30.0489, 0.3006, 0.3089



30.0489, 0.3361, 0.3395



30.0489, 0.3016, 0.3388

Complementary

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



30.0489, 0.3006, 0.3089



35.2102, 0.3244, 0.3483

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.



30.0489, 0.3131, 0.3468



30.0489, 0.3006, 0.3089



30.0489, 0.3332, 0.3470

Square

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



30.0489, 0.3006, 0.3089



30.0489, 0.3327, 0.3294



30.0489, 0.3247, 0.3498



30.0489, 0.2931, 0.3281

Rectangle

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



30.0489, 0.3006, 0.3089



30.0489, 0.3200, 0.3166



30.0489, 0.3247, 0.3498



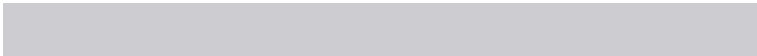
30.0489, 0.3052, 0.3419

Sweetspot

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



30.0502, 0.3006, 0.3089



61.2012, 0.3098, 0.3241



34.3665, 0.3005, 0.3290



13.4560, 0.3100, 0.3244



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.0502, 0.3006, 0.3089



51.3802, 0.2972, 0.3033



30.6710, 0.3070, 0.3093



6.8610, 0.2987, 0.3058



2.0582, 0.1501, 0.0601



0.0436, 0.1508, 0.0604

Inverse Universe

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



31.3290, 0.3137, 0.3098



54.2226, 0.3139, 0.3047



34.5551, 0.3180, 0.3487



7.2018, 0.3138, 0.3069



8.0922, 0.3217, 0.1546



0.1702, 0.3214, 0.1544

Previews

White Background



This preview shows how the Yxy color 30.0489, 0.3006, 0.3089 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0489, 0.3006, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

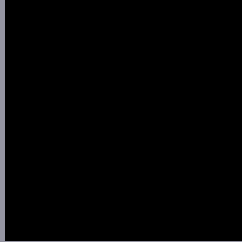
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

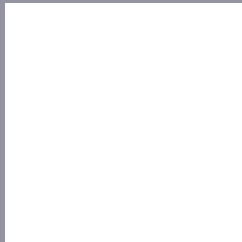
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.0489, 0.3006, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 30.0489, 0.3006, 0.3089.



This preview shows how white text looks on a background with the Yxy color 30.0489, 0.3006, 0.3089.

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

30.0489, 0.3006, 0.3089

Protanopia

30.0489, 0.3006, 0.3089

Deuteranopia

30.1285, 0.3098, 0.3036



Tritanopia

30.0138, 0.3015, 0.3105

Trichromacy



Original Color

30.0489, 0.3006, 0.3089

Protanomaly

30.0489, 0.3006, 0.3089

Deuteranomaly

30.0364, 0.3057, 0.3048

Tritanomaly

30.0138, 0.3015, 0.3105

Monochromacy



Original Color

30.0489, 0.3006, 0.3089

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.1844, 0.3089, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0489, 0.3006, 0.3089 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(148, 148, 161)` looks like.

```
.text, #text, p{  
    color:rgb(148, 148, 161)  
}
```

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(148, 148, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 148, 161) }
```

Border

The CSS property to change the border of an element to Yxy 30.0489, 0.3006, 0.3089 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(148, 148, 161) }
```

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

```
.border{ border-color:rgb(148, 148, 161) }
```

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

Here you see how a box with a 4 pixel rgb(148, 148, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 148, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 148, 161);  
box-shadow:4px 4px 4px 4px rgb(148, 148,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0489, 0.3006, 0.3089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 148, 161) }
```

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

```
.background{ background-color: rgb(148,  
148, 161) }
```

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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