

Converting Colors

$Yxy(30.8788, 0.3355, 0.3456)$

Have a look what the booklet for
Yxy(30.8788, 0.3355, 0.3456)
contains.

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Color

Yxy(30.9069, 0.3361, 0.3458)

Conversions

Conversions Part 1

Format	Color
Hex	A1958A
RGB	161, 149, 138
RGB Percent	63%, 58%, 54%
CMY	0.3685, 0.4157, 0.4588
CMYK	0.00, 0.07, 0.14, 0.37
HSL	29°, 11%, 59%
HSV	29°, 14%, 63%
XYZ	30.0399, 30.9069, 28.4311
YIQ	151.3340, 10.6830, -0.8770

Conversions

Conversions Part 2

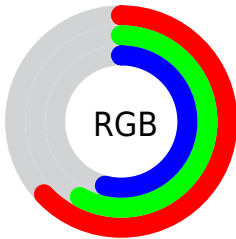
Format	Color
RYB	161, 159, 138
Decimal	10589578
CIELab	62.43, 2.53, 7.39
CIELCh	62, 7.810, 71.118
Yxy	30.9069, 0.3361, 0.3458
Android (android.graphics.Color)	4288779658 (0xFFA1958A)
YUV	151.3340, -6.5737, 8.4771
Hunter-Lab	55.5940, -0.8378, 8.5945

Details

The Yxy color **30.9069, 0.3361, 0.3458** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.8132, 0.2910, 0.3116**, and the grayscale version is **31.1262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0724, 0.3317, 0.3429**, and **12.6912, 0.3440, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **27.9046, 0.3553, 0.3583**, and if you desaturate by 10%, it is **34.1742, 0.3193, 0.3339**.

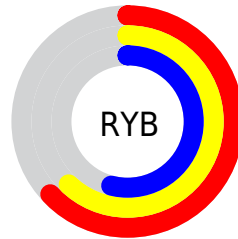
Distribution



Red (63%)

Green (58%)

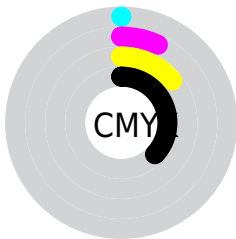
Blue (54%)



Red (63%)

Yellow (62%)

Blue (54%)

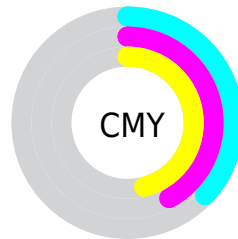


Cyan (0%)

Magenta (7%)

Yellow (14%)

Black (37%)



Cyan (37%)


Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9069, 0.3361, 0.3458 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 30.9069, 0.3361, 0.3458 by changing the saturation by 10% instead.

 30.9069, 0.3361,
0.3458


 30.9069, 0.3361,
0.3458


306.1092, 0.3236,
0.3369

 20.5280, 0.3395,
0.3482


 61.0935, 0.3313,
0.3424

 12.7794, 0.3442,
0.3514


 81.6699, 0.3296,
0.3412

 7.2768, 0.3507,
0.3559


 106.4143, 0.3282,
0.3402

 3.6358, 0.3606,
0.3625

135.7110, 0.3270,
0.3393

 1.4720, 0.3774,
0.3735

169.9444, 0.3259,
0.3386

 0.2689, 0.5413,
0.4587

209.4990, 0.3250,

 0.0000, 0.0000,

0.3380

0.0000

254.7591, 0.3243,
0.3374

■ 30.9069, 0.3361,
0.3458

■ 30.9069, 0.3361,
0.3458

■ 27.9046, 0.3553,
0.3583

■ 34.1742, 0.3193,
0.3339

■ 25.1560, 0.3770,
0.3710

■ 37.7092, 0.3046,
0.3227

■ 22.6552, 0.4012,
0.3834

■ 41.5197, 0.2919,
0.3124

■ 20.3941, 0.4276,
0.3947

■ 45.6120, 0.2808,
0.3028

■ 18.3645, 0.4554,
0.4040

■ 49.9921, 0.2711,
0.2941

■ 16.5573, 0.4834,
0.4101

■ 54.6659, 0.2627,
0.2861

■ 14.9627, 0.5101,
0.4116

■ 59.6390, 0.2553,
0.2787

■ 13.5694, 0.5334,
0.4080

■ 64.1302, 0.2546,
0.2844

■ 12.8547, 0.5460,
0.4047

■ 68.5721, 0.2561,
0.2944

Harmonies

Analogous

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



30.9069, 0.3370, 0.3367



30.9069, 0.3361, 0.3458



30.9069, 0.3289, 0.3507

Triad

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



30.9069, 0.3361, 0.3458



30.9069, 0.2945, 0.3319



30.9069, 0.3077, 0.3094

Complementary

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



30.9069, 0.3361, 0.3458



29.8132, 0.2910, 0.3116

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.



30.9069, 0.2966, 0.3079



30.9069, 0.3361, 0.3458



30.9069, 0.2891, 0.3206

Square

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



30.9069, 0.3361, 0.3458



30.9069, 0.3048, 0.3427



30.9069, 0.2898, 0.3119



30.9069, 0.3204, 0.3159

Rectangle

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



30.9069, 0.3361, 0.3458



30.9069, 0.3215, 0.3506



30.9069, 0.2898, 0.3119



30.9069, 0.3037, 0.3083

Sweetspot

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



30.9083, 0.3361, 0.3458



61.3044, 0.3189, 0.3336



27.9735, 0.3254, 0.3104



13.3493, 0.3200, 0.3345



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.



30.9083, 0.3361, 0.3458



53.6499, 0.3416, 0.3495



34.6545, 0.3337, 0.3624



7.6168, 0.3274, 0.3397



10.3414, 0.5447, 0.4057



0.3118, 0.4891, 0.4499

Inverse Universe

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



29.8132, 0.2910, 0.3116



51.3248, 0.2862, 0.3076



26.3805, 0.2904, 0.2933



7.4446, 0.2987, 0.3180



7.2348, 0.1802, 0.1687



0.2460, 0.1980, 0.2326

Previews

White Background



This preview shows how the Yxy color 30.9069, 0.3361, 0.3458 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 30.9069, 0.3361, 0.3458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

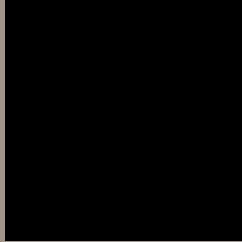
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

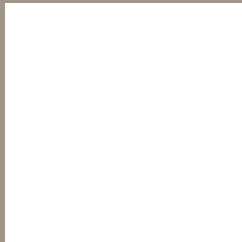
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.9069, 0.3361, 0.3458

Background



This preview shows how black text looks on a background with the Yxy color 30.9069, 0.3361, 0.3458.

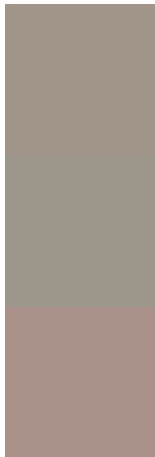


This preview shows how white text looks on a background with the Yxy color 30.9069, 0.3361, 0.3458.

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

30.9069, 0.3361, 0.3458

Protanopia

30.8449, 0.3306, 0.3460

Deuteranopia

30.9679, 0.3455, 0.3395



Tritanopia

30.9189, 0.3198, 0.3113

Trichromacy



Original Color

30.9069, 0.3361, 0.3458

Protanomaly

30.9459, 0.3317, 0.3460

Deuteranomaly

30.9470, 0.3420, 0.3410

Tritanomaly

30.8883, 0.3255, 0.3231

Monochromacy



Original Color

30.9069, 0.3361, 0.3458

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8566, 0.3217, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9069, 0.3361, 0.3458 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(161, 149, 138)` looks like.

```
.text, #text, p{  
    color:rgb(161, 149, 138)  
}
```

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(161, 149, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 149, 138) }
```

Border

The CSS property to change the border of an element to Yxy 30.9069, 0.3361, 0.3458 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(161, 149, 138) }
```

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

```
.border{ border-color:rgb(161, 149, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 149, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 149, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 149, 138);  
box-shadow:4px 4px 4px 4px rgb(161, 149,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9069, 0.3361, 0.3458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 149, 138) }
```

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

```
.background{ background-color: rgb(161,  
149, 138) }
```

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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