

Converting Colors

$Y_{xy}(30.2035, 0.3344, 0.3270)$

Have a look what the booklet for
Yxy(30.2035, 0.3344, 0.3270)
contains.

Yxy(30.1288, 0.3343, 0.3261)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(30.1288, 0.3343, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	A69092
RGB	166, 144, 146
RGB Percent	65%, 56%, 57%
CMY	0.3490, 0.4353, 0.4275
CMYK	0.00, 0.13, 0.12, 0.35
HSL	355°, 11%, 61%
HSV	355°, 13%, 65%
XYZ	30.8864, 30.1288, 31.3761
YIQ	150.8060, 12.4700, 5.2860

Conversions

Conversions Part 2

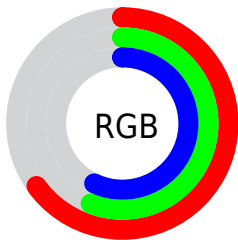
Format	Color
RYB	166, 144, 146
Decimal	10915986
CIELab	61.77, 8.56, 1.98
CIELCh	62, 8.783, 13.001
Yxy	30.1288, 0.3343, 0.3261
Android (android.graphics.Color)	4289106066 (0xFFA69092)
YUV	150.8060, -2.3694, 13.3251
Hunter-Lab	54.8897, 4.3849, 4.5314

Details

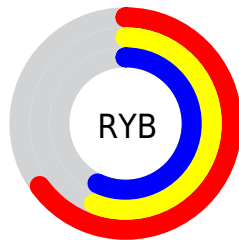
The Yxy color **30.1288, 0.3343, 0.3261** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.8831, 0.2945, 0.3319**, and the grayscale version is **30.8668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9304, 0.3296, 0.3268**, and **12.4273, 0.3412, 0.3248** is the 20% darker color. If you saturate the color by 10%, you get **25.0262, 0.3552, 0.3238**, and if you desaturate by 10%, it is **36.0355, 0.3175, 0.3283**.

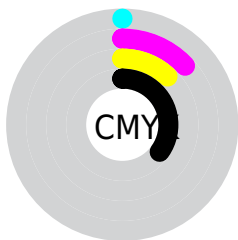
Distribution



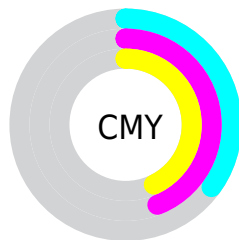
- Red (65%)
- Green (56%)
- Blue (57%)



- Red (65%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (13%)
- Yellow (12%)
- Black (35%)




- Cyan (35%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.1288, 0.3343, 0.3261 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 30.1288, 0.3343, 0.3261 by changing the saturation by 10% instead.


 30.1288, 0.3343,
0.3261


 30.1288, 0.3343,
0.3261


302.5044, 0.3227,
0.3277

 19.9364, 0.3375,
0.3256


 59.8658, 0.3299,
0.3267

 12.3488, 0.3418,
0.3250


 80.1792, 0.3283,
0.3270

 6.9817, 0.3480,
0.3240


104.6350, 0.3269,
0.3271

 3.4507, 0.3574,
0.3225

133.6176, 0.3258,
0.3273

 1.3713, 0.3737,
0.3196

167.5115, 0.3249,
0.3274

 0.1954, 0.5937,
0.2940

206.7010, 0.3240,

 0.0000, 0.0000,

0.3275


0.0000

251.5705, 0.3233,
0.3276

 30.1288, 0.3343,
0.3261

 30.1288, 0.3343,
0.3261


 25.0262, 0.3552,
0.3238


 36.0355, 0.3175,
0.3283

 20.6893, 0.3810,
0.3214


 42.7749, 0.3039,
0.3304


 17.0822, 0.4125,
0.3192

 50.3789, 0.2929,
0.3322

 14.1649, 0.4499,
0.3173

 58.8766, 0.2839,
0.3339

 11.8932, 0.4924,
0.3163

 68.2958, 0.2766,
0.3355

■ 10.2180, 0.5372,
0.3166

■ 78.6630, 0.2706,
0.3368

■ 9.0832, 0.5794,
0.3185

■ 86.6373, 0.2648,
0.3325

■ 8.4219, 0.6127,
0.3220

■ 86.8469, 0.2633,
0.3289

■ 8.1413, 0.6289,
0.3238

Harmonies

Analogous

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



30.1288, 0.3223, 0.3148



30.1288, 0.3343, 0.3261



30.1288, 0.3404, 0.3384

Triad

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



30.1288, 0.3343, 0.3261



30.1288, 0.3170, 0.3521



30.1288, 0.2871, 0.3091

Complementary

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



30.1288, 0.3343, 0.3261



35.8831, 0.2945, 0.3319

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.



30.1288, 0.2858, 0.3186



30.1288, 0.3343, 0.3261



30.1288, 0.3029, 0.3438

Square

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



30.1288, 0.3343, 0.3261



30.1288, 0.3303, 0.3537



30.1288, 0.2915, 0.3314



30.1288, 0.2951, 0.3050

Rectangle

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



30.1288, 0.3343, 0.3261



30.1288, 0.3403, 0.3456



30.1288, 0.2915, 0.3314



30.1288, 0.2859, 0.3117

Sweetspot

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



30.1301, 0.3343, 0.3261



64.4608, 0.3187, 0.3281



30.5727, 0.3120, 0.2969



14.2399, 0.3198, 0.3280



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



30.1301, 0.3343, 0.3261



51.7090, 0.3402, 0.3254



32.8389, 0.3346, 0.3421



7.5529, 0.3272, 0.3270



6.3165, 0.6276, 0.3231



0.1570, 0.5781, 0.2958

Inverse Universe

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



30.1301, 0.3343, 0.3261



51.7090, 0.3402, 0.3254



32.8653, 0.2926, 0.3155



7.5529, 0.3272, 0.3270



6.3165, 0.6276, 0.3231



0.1570, 0.5781, 0.2958

Previews

White Background



This preview shows how the Yxy color 30.1288, 0.3343, 0.3261 looks on a white background.

Color Contrast Check

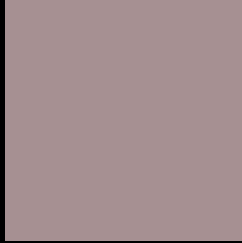
Large Text (above 18pt) WCAG AA × Fail

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 30.1288, 0.3343, 0.3261 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 30.1288, 0.3343, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 30.1288, 0.3343, 0.3261.



This preview shows how white text looks on a background with the Yxy color 30.1288, 0.3343, 0.3261.

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

30.1288, 0.3343, 0.3261

Protanopia

30.3402, 0.3158, 0.3290

Deuteranopia

30.0212, 0.3332, 0.3261



Tritanopia

30.1935, 0.3273, 0.3128

Trichromacy



Original Color

30.1288, 0.3343, 0.3261

Protanomaly

30.1737, 0.3222, 0.3275

Deuteranomaly

30.0212, 0.3332, 0.3261

Tritanomaly

30.0948, 0.3304, 0.3172

Monochromacy



Original Color

30.1288, 0.3343, 0.3261

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.4177, 0.3200, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.1288, 0.3343, 0.3261 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(166, 144, 146)` looks like.

```
.text, #text, p{  
    color:rgb(166, 144, 146)  
}
```

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(166, 144, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 144, 146) }
```

Border

The CSS property to change the border of an element to Yxy 30.1288, 0.3343, 0.3261 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(166, 144, 146) }
```

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

```
.border{ border-color:rgb(166, 144, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 144, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 144, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 144, 146);  
box-shadow:4px 4px 4px 4px rgb(166, 144,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 30.1288, 0.3343, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 144, 146) }
```

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

```
.background{ background-color: rgb(166,  
144, 146) }
```

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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