

Converting Colors

$Y_{xy}(31.0443, 0.3281, 0.3293)$

Have a look what the booklet for
Yxy(31.0443, 0.3281, 0.3293)
contains.

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Color

Yxy(31.1045, 0.3284, 0.3290)

Conversions

Conversions Part 1

Format	Color
Hex	A39494
RGB	163, 148, 148
RGB Percent	64%, 58%, 58%
CMY	0.3606, 0.4197, 0.4195
CMYK	0.00, 0.09, 0.09, 0.36
HSL	360°, 8%, 61%
HSV	360°, 9%, 64%
XYZ	31.0478, 31.1045, 32.3903
YIQ	152.4850, 8.9400, 3.1800

Conversions

Conversions Part 2

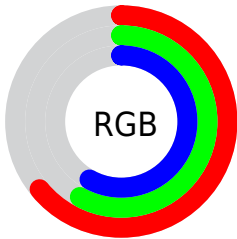
Format	Color
R _Y B	163, 148, 148
Decimal	10720404
CIE Lab	62.60, 5.58, 2.00
CIE LCh	63, 5.923, 19.729
Yxy	31.1045, 0.3284, 0.3290
Android (android.graphics.Color)	4288910484 (0xFFA39494)
YUV	152.4850, -2.2111, 9.2217
Hunter-Lab	55.7714, 1.7704, 4.6062

Details

The Yxy color **31.1045, 0.3284, 0.3290** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.1516, 0.2988, 0.3290**, and the grayscale version is **31.6301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4108, 0.3252, 0.3290**, and **12.7920, 0.3341, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **25.8669, 0.3494, 0.3290**, and if you desaturate by 10%, it is **37.1378, 0.3116, 0.3290**.

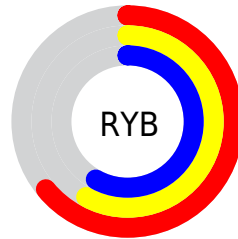
Distribution



Red (64%)

Green (58%)

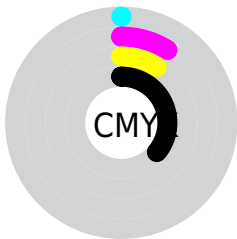
Blue (58%)



Red (64%)

Yellow (58%)

Blue (58%)

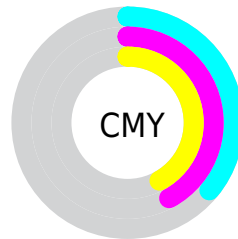


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (36%)



Cyan (36%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.1045, 0.3284, 0.3290 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 31.1045, 0.3284, 0.3290 by changing the saturation by 10% instead.


 31.1045, 0.3284,
0.3290

 31.1045, 0.3284,
0.3290


307.0195, 0.3200,
0.3291

 20.6784, 0.3307,
0.3290


 61.4046, 0.3252,
0.3290

 12.8892, 0.3338,
0.3289


 82.0473, 0.3241,
0.3290

 7.3523, 0.3382,
0.3288


106.8645, 0.3231,
0.3290

 3.6834, 0.3448,
0.3286

136.2404, 0.3223,
0.3290

 1.4981, 0.3562,
0.3282

170.5594, 0.3216,
0.3290

 0.2874, 0.4706,
0.3304

210.2060, 0.3210,

 0.0000, 0.0000,

0.3291

0.0000

255.5646, 0.3205,
0.3291

■ 31.1045, 0.3284,
0.3290

■ 31.1045, 0.3284,
0.3290

■ 25.8669, 0.3494,
0.3290

■ 37.1378, 0.3116,
0.3290

■ 21.3879, 0.3755,
0.3290

■ 43.9938, 0.2980,
0.3290

■ 17.6336, 0.4077,
0.3291

■ 51.7031, 0.2871,
0.3290

■ 14.5659, 0.4463,
0.3292

■ 60.2936, 0.2782,
0.3290

■ 12.1434, 0.4906,
0.3293

■ 69.7921, 0.2709,
0.3290

■ 10.3199, 0.5377,
0.3294

■ 80.2241, 0.2649,
0.3290

■ 9.0434, 0.5821,
0.3296

■ 86.5317, 0.2619,
0.3289

■ 8.2529, 0.6165,
0.3297

■ 7.8221, 0.6383,
0.3298

Harmonies

Analogous

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



31.1045, 0.3212, 0.3210



31.1045, 0.3284, 0.3290



31.1045, 0.3314, 0.3371

Triad

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



31.1045, 0.3284, 0.3290



31.1045, 0.3135, 0.3434



31.1045, 0.2964, 0.3148

Complementary

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



31.1045, 0.3284, 0.3290



35.1516, 0.2988, 0.3290

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.



31.1045, 0.2944, 0.3205



31.1045, 0.3284, 0.3290



31.1045, 0.3042, 0.3372

Square

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



31.1045, 0.3284, 0.3290



31.1045, 0.3227, 0.3456



31.1045, 0.2973, 0.3287



31.1045, 0.3027, 0.3129

Rectangle

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



31.1045, 0.3284, 0.3290



31.1045, 0.3305, 0.3415



31.1045, 0.2973, 0.3287



31.1045, 0.2952, 0.3163

Sweetspot

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



31.1059, 0.3284, 0.3290



62.1745, 0.3176, 0.3290



31.5869, 0.3135, 0.3069



13.7717, 0.3189, 0.3290



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.



31.1059, 0.3284, 0.3290



53.7179, 0.3322, 0.3290



33.4610, 0.3273, 0.3399



7.0862, 0.3285, 0.3290



6.0522, 0.6398, 0.3298



0.1272, 0.6385, 0.3291

Inverse Universe

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



31.1059, 0.3284, 0.3290



53.7179, 0.3322, 0.3290



32.6402, 0.2988, 0.3179



7.0862, 0.3285, 0.3290



6.0522, 0.6398, 0.3298



0.1272, 0.6385, 0.3291

Previews

White Background



This preview shows how the Yxy color 31.1045, 0.3284, 0.3290 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 31.1045, 0.3284, 0.3290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

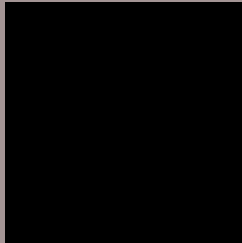
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1045, 0.3284, 0.3290

Background



This preview shows how black text looks on a background with the Yxy color 31.1045, 0.3284, 0.3290.



This preview shows how white text looks on a background with the Yxy color 31.1045, 0.3284, 0.3290.

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

31.1045, 0.3284, 0.3290

Protanopia

31.2053, 0.3167, 0.3305

Deuteranopia

30.9114, 0.3329, 0.3261



Tritanopia

30.9189, 0.3198, 0.3113

Trichromacy



Original Color

31.1045, 0.3284, 0.3290

Protanomaly

31.1507, 0.3208, 0.3305

Deuteranomaly

31.1125, 0.3317, 0.3276

Tritanomaly

31.0930, 0.3236, 0.3186

Monochromacy



Original Color

31.1045, 0.3284, 0.3290

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.4355, 0.3178, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1045, 0.3284, 0.3290 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(163, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(163, 148, 148)  
}
```

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(163, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 148, 148) }
```

Border

The CSS property to change the border of an element to Yxy 31.1045, 0.3284, 0.3290 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(163, 148, 148) }
```

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

```
.border{ border-color:rgb(163, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(163, 148,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1045, 0.3284, 0.3290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 148, 148) }
```

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

```
.background{ background-color: rgb(163,  
148, 148) }
```

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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