

Converting Colors

$Yxy(37.6409, 0.3226, 0.3208)$

Have a look what the booklet for
Yxy(37.6409, 0.3226, 0.3208)
contains.

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Color

Yxy(37.6269, 0.3227, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	B1A1A7
RGB	177, 161, 167
RGB Percent	69%, 63%, 65%
CMY	0.3059, 0.3686, 0.3452
CMYK	0.00, 0.09, 0.06, 0.31
HSL	338°, 9%, 66%
HSV	338°, 9%, 69%
XYZ	37.8498, 37.6269, 41.8142
YIQ	166.4680, 7.6100, 5.2580

Conversions

Conversions Part 2

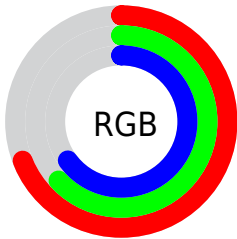
Format	Color
RYB	177, 161, 167
Decimal	11641255
CIELab	67.74, 6.89, -0.99
CIELCh	68, 6.958, 351.855
Yxy	37.6269, 0.3227, 0.3208
Android (android.graphics.Color)	4289831335 (0xFFB1A1A7)
YUV	166.4680, 0.2623, 9.2366
Hunter-Lab	61.3408, 2.7954, 2.5223

Details

The Yxy color **37.6269, 0.3227, 0.3208** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9647, 0.3037, 0.3374**, and the grayscale version is **38.3678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.7093, 0.3210, 0.3227**, and **16.4602, 0.3255, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **31.4806, 0.3360, 0.3112**, and if you desaturate by 10%, it is **44.6874, 0.3118, 0.3298**.

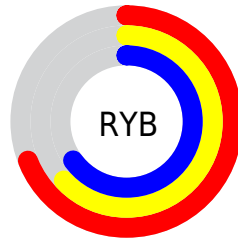
Distribution



Red (69%)

Green (63%)

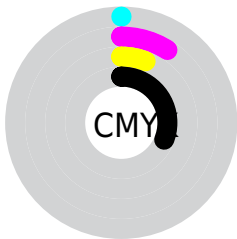
Blue (65%)



Red (69%)

Yellow (63%)

Blue (65%)

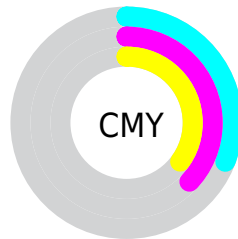


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (31%)



Cyan (31%)


Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6269, 0.3227, 0.3208 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 37.6269, 0.3227, 0.3208 by changing the saturation by 10% instead.


 37.6269, 0.3227,
0.3208


 37.6269, 0.3227,
0.3208


336.0168, 0.3175,
0.3250

 25.6932, 0.3240,
0.3197


 71.5359, 0.3208,
0.3224

 16.5943, 0.3258,
0.3183


 94.2801, 0.3201,
0.3230

 9.9457, 0.3282,
0.3163


121.3965, 0.3195,
0.3234

 5.3629, 0.3318,
0.3134

153.2696, 0.3190,
0.3239

 2.4617, 0.3373,
0.3089

190.2838, 0.3185,
0.3242

 0.8574, 0.3476,
0.3007


232.8234, 0.3182,


 0.0000, 0.0000,


0.3245

0.0000


281.2730, 0.3178,
0.3248


 37.6269, 0.3227,
0.3208


 37.6269, 0.3227,
0.3208

 31.4806, 0.3360,
0.3112


 44.6874, 0.3118,
0.3298


 26.2062, 0.3522,
0.3013


 52.6926, 0.3028,
0.3382


 21.7651, 0.3717,
0.2913

 61.6774, 0.2954,
0.3460

 18.1143, 0.3947,
0.2820

 71.6737, 0.2893,
0.3530

 15.2063, 0.4215,
0.2741

 82.7117, 0.2843,
0.3595

■ 12.9891, 0.4514,
0.2689

■ 86.7823, 0.2791,
0.3526

■ 11.4034, 0.4833,
0.2674

■ 87.4387, 0.2736,
0.3402

■ 10.3800, 0.5152,
0.2707

■ 88.0874, 0.2686,
0.3289

■ 9.7910, 0.5451,
0.2784

Harmonies

Analogous

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



37.6269, 0.3124, 0.3141



37.6269, 0.3227, 0.3208



37.6269, 0.3304, 0.3296

Triad

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



37.6269, 0.3227, 0.3208



37.6269, 0.3230, 0.3473



37.6269, 0.2925, 0.3191

Complementary

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



37.6269, 0.3227, 0.3208



41.9647, 0.3037, 0.3374

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.



37.6269, 0.2953, 0.3280



37.6269, 0.3227, 0.3208



37.6269, 0.3128, 0.3445

Square

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



37.6269, 0.3227, 0.3208



37.6269, 0.3306, 0.3450



37.6269, 0.3027, 0.3374



37.6269, 0.2951, 0.3130

Rectangle

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



37.6269, 0.3227, 0.3208



37.6269, 0.3330, 0.3357



37.6269, 0.3027, 0.3374



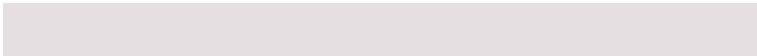
37.6269, 0.2929, 0.3218

Sweetspot

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



37.6285, 0.3227, 0.3208



74.7565, 0.3159, 0.3263



37.3099, 0.3080, 0.3069



15.9813, 0.3167, 0.3256



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.6285, 0.3227, 0.3208



64.8858, 0.3253, 0.3188



38.0701, 0.3279, 0.3316



8.5560, 0.3230, 0.3205



7.0685, 0.5451, 0.2776



0.2339, 0.4686, 0.2355

Inverse Universe

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



37.6285, 0.3227, 0.3208



64.8858, 0.3253, 0.3188



41.4653, 0.2990, 0.3264



8.5560, 0.3230, 0.3205



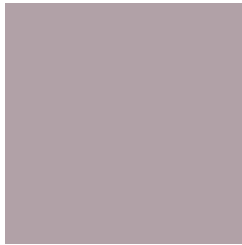
7.0685, 0.5451, 0.2776



0.2339, 0.4686, 0.2355

Previews

White Background



This preview shows how the Yxy color 37.6269, 0.3227, 0.3208 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 37.6269, 0.3227, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

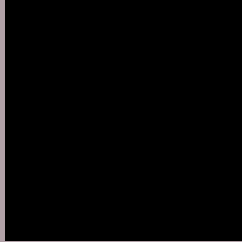
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

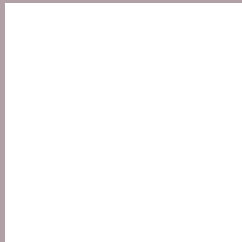
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 37.6269, 0.3227, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 37.6269, 0.3227, 0.3208.



This preview shows how white text looks on a background with the Yxy color 37.6269, 0.3227, 0.3208.

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

37.6269, 0.3227, 0.3208

Protanopia

37.6310, 0.3112, 0.3219

Deuteranopia

37.6349, 0.3257, 0.3195



Tritanopia

37.6237, 0.3183, 0.3113

Trichromacy



Original Color

37.6269, 0.3227, 0.3208

Protanomaly

37.6795, 0.3159, 0.3220

Deuteranomaly

37.5153, 0.3247, 0.3194

Tritanomaly

37.5469, 0.3201, 0.3140

Monochromacy



Original Color

37.6269, 0.3227, 0.3208

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.8501, 0.3166, 0.3262

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6269, 0.3227, 0.3208 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(177, 161, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 161, 167)  
}
```

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(177, 161, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 161, 167) }
```

Border

The CSS property to change the border of an element to Yxy 37.6269, 0.3227, 0.3208 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(177, 161, 167) }
```

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

```
.border{ border-color:rgb(177, 161, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 161, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 161, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 161, 167);  
box-shadow:4px 4px 4px 4px rgb(177, 161,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6269, 0.3227, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 161, 167) }
```

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

```
.background{ background-color: rgb(177,  
161, 167) }
```

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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