

Converting Colors

$Y_{xy}(27.7257, 0.3716, 0.3321)$

Have a look what the booklet for
Yxy(27.7257, 0.3716, 0.3321)
contains.

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Color

Yxy(27.8175, 0.3713, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	B48482
RGB	180, 132, 130
RGB Percent	71%, 52%, 51%
CMY	0.2941, 0.4823, 0.4903
CMYK	0.00, 0.27, 0.28, 0.29
HSL	2°, 25%, 61%
HSV	2°, 28%, 71%
XYZ	31.1010, 27.8175, 24.8439
YIQ	146.1240, 29.2500, 9.5540

Conversions

Conversions Part 2

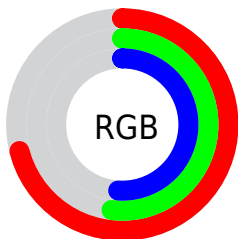
Format	Color
RYB	180, 132, 130
Decimal	11830402
CIELab	59.72, 18.15, 8.34
CIElCh	60, 19.979, 24.689
Yxy	27.8175, 0.3713, 0.3321
Android (android.graphics.Color)	4290020482 (0xFFB48482)
YUV	146.1240, -7.9491, 29.7093
Hunter-Lab	52.7423, 12.9585, 8.9914

Details

The Yxy color **27.8175, 0.3713, 0.3321** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **39.8690, 0.2727, 0.3259**, and the grayscale version is **28.8225, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.1213, 0.3591, 0.3314**, and **11.0643, 0.3924, 0.3313** is the 20% darker color. If you saturate the color by 10%, you get **23.0738, 0.4022, 0.3333**, and if you desaturate by 10%, it is **33.4239, 0.3461, 0.3309**.

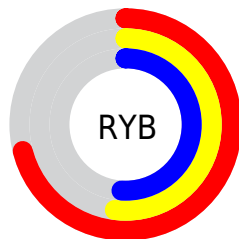
Distribution



Red (71%)

Green (52%)

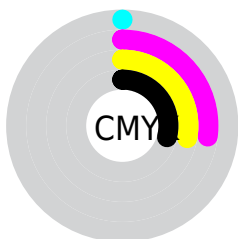
Blue (51%)



Red (71%)

Yellow (52%)

Blue (51%)

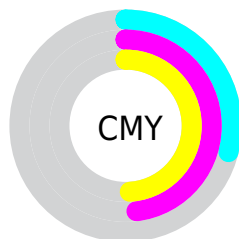


Cyan (0%)

Magenta (27%)

Yellow (28%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8175, 0.3713, 0.3321 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 27.8175, 0.3713, 0.3321 by changing the saturation by 10% instead.


 27.8175, 0.3713,
0.3321

 27.8175, 0.3713,
0.3321


291.5938, 0.3392,
0.3310


 18.1881, 0.3804,
0.3321


 56.1929, 0.3589,
0.3319

 11.0851, 0.3927,
0.3320


 75.7078, 0.3545,
0.3317

 6.1241, 0.4104,
0.3315


 99.2866, 0.3508,
0.3316

 2.9207, 0.4380,
0.3299

127.3138, 0.3478,
0.3314

 1.0905, 0.4931,
0.3292

160.1737, 0.3452,
0.3313

 0.0000, 1.0000,
0.0000


198.2507, 0.3429,


 0.0000, 0.0000,


0.3312


0.0000

241.9293, 0.3409,
0.3311


 27.8175, 0.3713,
0.3321


 27.8175, 0.3713,
0.3321


 23.0738, 0.4022,
0.3333


 33.4239, 0.3461,
0.3309


 19.1463, 0.4394,
0.3344


 39.9285, 0.3258,
0.3298


 15.9901, 0.4823,
0.3352


 47.3700, 0.3094,
0.3288

 13.5545, 0.5286,
0.3355


 55.7832, 0.2961,
0.3278


 11.7826, 0.5735,
0.3350


 65.2015, 0.2854,
0.3270


 10.6091, 0.6101,
0.3338

 75.6565, 0.2766,
0.3263

 9.9532, 0.6331,
0.3323

 87.1150, 0.2698,
0.3266

 9.8606, 0.6371,
0.3324

 88.4426, 0.2701,
0.3289

Harmonies

Analogous

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



27.8175, 0.3470, 0.3057



27.8175, 0.3713, 0.3321



27.8175, 0.3788, 0.3591

Triad

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



27.8175, 0.3713, 0.3321



27.8175, 0.3088, 0.3788



27.8175, 0.2595, 0.2777

Complementary

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



27.8175, 0.3713, 0.3321



39.8690, 0.2727, 0.3259

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.



27.8175, 0.2507, 0.2939



27.8175, 0.3713, 0.3321



27.8175, 0.2781, 0.3533

Square

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



27.8175, 0.3713, 0.3321



27.8175, 0.3416, 0.3885



27.8175, 0.2573, 0.3214



27.8175, 0.2821, 0.2752

Rectangle

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



27.8175, 0.3713, 0.3321



27.8175, 0.3733, 0.3743



27.8175, 0.2573, 0.3214



27.8175, 0.2549, 0.2816

Sweetspot

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



27.8188, 0.3713, 0.3321



71.9585, 0.3264, 0.3298



28.8916, 0.3176, 0.2631



15.1516, 0.3292, 0.3300



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



27.8188, 0.3713, 0.3321



45.2852, 0.3884, 0.3328



35.3119, 0.3620, 0.3669



8.5585, 0.3286, 0.3300



6.9067, 0.6364, 0.3329



0.2355, 0.6215, 0.3447

Inverse Universe

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



39.8690, 0.2727, 0.3259



70.5759, 0.2653, 0.3252



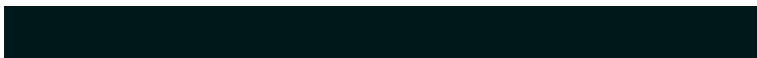
30.9281, 0.2689, 0.2879



9.5714, 0.2986, 0.3280



23.1087, 0.2213, 0.3165



0.7451, 0.2223, 0.3202

Previews

White Background



This preview shows how the Yxy color 27.8175, 0.3713, 0.3321 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 27.8175, 0.3713, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

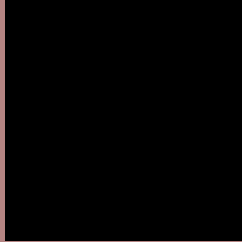
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8175, 0.3713, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 27.8175, 0.3713, 0.3321.



This preview shows how white text looks on a background with the Yxy color 27.8175, 0.3713, 0.3321.

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

27.8175, 0.3713, 0.3321

Protanopia

28.1137, 0.3261, 0.3419

Deuteranopia

27.9427, 0.3514, 0.3445



Tritanopia

27.6825, 0.3613, 0.3148

Trichromacy



Original Color

27.8175, 0.3713, 0.3321

Protanomaly

27.9510, 0.3412, 0.3384

Deuteranomaly

27.7393, 0.3593, 0.3397

Tritanomaly

27.8339, 0.3657, 0.3220

Monochromacy



Original Color

27.8175, 0.3713, 0.3321

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2123, 0.3323, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8175, 0.3713, 0.3321 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(180, 132, 130)` looks like.

```
.text, #text, p{  
    color:rgb(180, 132, 130)  
}
```

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(180, 132, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 132, 130) }
```

Border

The CSS property to change the border of an element to Yxy 27.8175, 0.3713, 0.3321 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(180, 132, 130) }
```

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

```
.border{ border-color:rgb(180, 132, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 132, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 132, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 132, 130);  
box-shadow:4px 4px 4px 4px rgb(180, 132,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8175, 0.3713, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 132, 130) }
```

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

```
.background{ background-color: rgb(180,  
132, 130) }
```

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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