

Converting Colors

$Y_{xy}(27.1212, 0.3430, 0.3284)$

Have a look what the booklet for
Yxy(27.1212, 0.3430, 0.3284)
contains.

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Color

Yxy(27.1724, 0.3434, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	A38888
RGB	163, 136, 136
RGB Percent	64%, 53%, 53%
CMY	0.3608, 0.4667, 0.4667
CMYK	0.00, 0.17, 0.17, 0.36
HSL	0°, 13%, 59%
HSV	0°, 17%, 64%
XYZ	28.3531, 27.1724, 27.0403
YIQ	144.0730, 16.0920, 5.7240

Conversions

Conversions Part 2

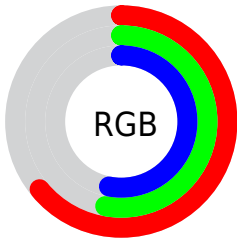
Format	Color
R_{YB}	163, 136, 136
Decimal	10717320
CIE _{Lab}	59.13, 10.23, 3.83
CIE _{LCh}	59, 10.926, 20.507
Yxy	27.1724, 0.3434, 0.3291
Android (android.graphics.Color)	4288907400 (0xFFA38888)
YUV	144.0730, -3.9800, 16.5990
Hunter-Lab	52.1272, 5.8675, 5.7331

Details

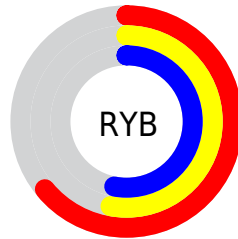
The Yxy color $27.1724, 0.3434, 0.3291$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $34.0728, 0.2883, 0.3289$, and the grayscale version is $27.9330, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.9747, 0.3370, 0.3291$, and $10.7070, 0.3554, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $22.4983, 0.3681, 0.3292$, and if you desaturate by 10%, it is $32.6173, 0.3236, 0.3290$.

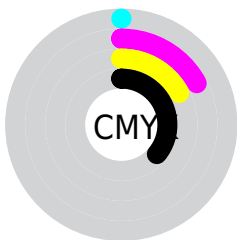
Distribution



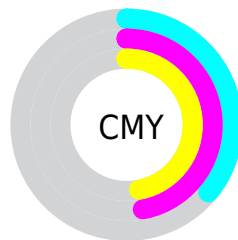
- Red (64%)
- Green (53%)
- Blue (53%)



- Red (64%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (17%)
- Black (36%)




- Cyan (36%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.1724, 0.3434, 0.3291 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 27.1724, 0.3434, 0.3291 by changing the saturation by 10% instead.

 27.1724, 0.3434,
0.3291


 27.1724, 0.3434,
0.3291


288.4909, 0.3266,
0.3292

 17.7027, 0.3482,
0.3290


 55.1604, 0.3369,
0.3292

 10.7368, 0.3547,
0.3288


 74.4475, 0.3346,
0.3292

 5.8901, 0.3641,
0.3285


 97.7759, 0.3327,
0.3292

 2.7784, 0.3790,
0.3277

125.5300, 0.3311,
0.3292

 1.0172, 0.4065,
0.3262

158.0941, 0.3297,
0.3292

 0.0000, 1.0000,
0.0000


195.8527, 0.3285,

 0.0000, 0.0000,

0.3292


0.0000


239.1902, 0.3275,
0.3292


 27.1724, 0.3434,
0.3291


 27.1724, 0.3434,
0.3291

 22.4983, 0.3681,
0.3292

 32.6173, 0.3236,
0.3290


 18.5568, 0.3986,
0.3293

 38.8618, 0.3077,
0.3290

 15.3119, 0.4356,
0.3294

 45.9376, 0.2949,
0.3289

 12.7230, 0.4786,
0.3295

 53.8737, 0.2845,
0.3289

 10.7455, 0.5255,
0.3297

 62.6975, 0.2761,
0.3289

■ 9.3293, 0.5713,
0.3298

■ 72.4355, 0.2692,
0.3288

■ 8.4160, 0.6090,
0.3299

■ 83.1128, 0.2634,
0.3288

■ 7.9219, 0.6330,
0.3300

■ 86.5274, 0.2619,
0.3289

■ 7.7884, 0.6400,
0.3300

Harmonies

Analogous

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



27.1724, 0.3294, 0.3141



27.1724, 0.3434, 0.3291



27.1724, 0.3490, 0.3445

Triad

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



27.1724, 0.3434, 0.3291



27.1724, 0.3135, 0.3570



27.1724, 0.2817, 0.3013

Complementary

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



27.1724, 0.3434, 0.3291



34.0728, 0.2883, 0.3289

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.



27.1724, 0.2778, 0.3119



27.1724, 0.3434, 0.3291



27.1724, 0.2958, 0.3445

Square

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



27.1724, 0.3434, 0.3291



27.1724, 0.3314, 0.3613



27.1724, 0.2829, 0.3277



27.1724, 0.2937, 0.2983

Rectangle

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



27.1724, 0.3434, 0.3291



27.1724, 0.3471, 0.3531



27.1724, 0.2829, 0.3277



27.1724, 0.2794, 0.3041

Sweetspot

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



27.1736, 0.3434, 0.3291



59.9715, 0.3210, 0.3290



28.0386, 0.3146, 0.2890



13.3098, 0.3221, 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.



27.1736, 0.3434, 0.3291



45.3215, 0.3522, 0.3291



31.2186, 0.3401, 0.3496



7.0863, 0.3285, 0.3291



6.0525, 0.6400, 0.3300



0.1273, 0.6399, 0.3301

Inverse Universe

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



34.0728, 0.2883, 0.3289



60.1122, 0.2830, 0.3289



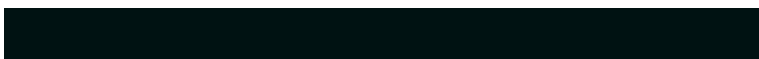
29.5321, 0.2873, 0.3076



8.0109, 0.2988, 0.3290



22.3998, 0.2246, 0.3287



0.4708, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 27.1724, 0.3434, 0.3291 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 27.1724, 0.3434, 0.3291 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 27.1724, 0.3434, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 27.1724, 0.3434, 0.3291.



This preview shows how white text looks on a background with the Yxy color 27.1724, 0.3434, 0.3291.

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

27.1724, 0.3434, 0.3291

Protanopia

27.3211, 0.3200, 0.3339

Deuteranopia

27.3255, 0.3383, 0.3322



Tritanopia

27.2648, 0.3348, 0.3139

Trichromacy



Original Color

27.1724, 0.3434, 0.3291

Protanomaly

27.2665, 0.3279, 0.3322

Deuteranomaly

27.1425, 0.3397, 0.3306

Tritanomaly

27.1735, 0.3381, 0.3184

Monochromacy



Original Color

27.1724, 0.3434, 0.3291

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.5521, 0.3236, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.1724, 0.3434, 0.3291 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, 136, 136)` looks like.

```
.text, #text, p{  
    color:rgb(163, 136, 136)  
}
```

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, 136, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 136, 136) }
```

Border

The CSS property to change the border of an element to Yxy 27.1724, 0.3434, 0.3291 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, 136, 136) }
```

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

```
.border{ border-color:rgb(163, 136, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 136, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 136, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 136, 136);  
box-shadow:4px 4px 4px 4px rgb(163, 136,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 27.1724, 0.3434, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 136, 136) }
```

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

```
.background{ background-color: rgb(163,  
136, 136) }
```

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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