

Converting Colors

$Y_{xy}(27.5538, 0.3765, 0.3335)$

Have a look what the booklet for
Yxy(27.5538, 0.3765, 0.3335)
contains.

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Color

Yxy(27.7362, 0.3764, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	B68380
RGB	182, 131, 128
RGB Percent	71%, 51%, 50%
CMY	0.2863, 0.4863, 0.4980
CMYK	0.00, 0.28, 0.30, 0.29
HSL	3°, 27%, 61%
HSV	3°, 30%, 71%
XYZ	31.3041, 27.7362, 24.1268
YIQ	145.9070, 31.3590, 9.8790

Conversions

Conversions Part 2

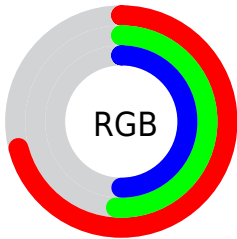
Format	Color
RYB	182, 131, 128
Decimal	11961216
CIELab	59.65, 19.22, 9.41
CIElCh	60, 21.397, 26.075
Yxy	27.7362, 0.3764, 0.3335
Android (android.graphics.Color)	4290151296 (0xFFB68380)
YUV	145.9070, -8.8282, 31.6536
Hunter-Lab	52.6652, 13.9360, 9.7039

Details

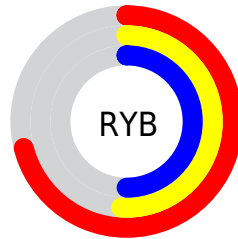
The Yxy color **27.7362, 0.3764, 0.3335** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.2067, 0.2700, 0.3244**, and the grayscale version is **28.7325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9679, 0.3628, 0.3325**, and **11.0386, 0.4002, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **23.0598, 0.4082, 0.3351**, and if you desaturate by 10%, it is **33.2672, 0.3503, 0.3319**.

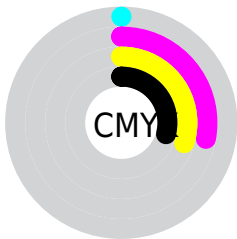
Distribution



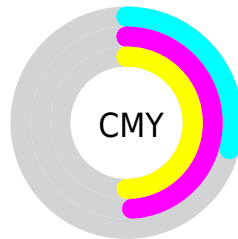
- Red (71%)
- Green (51%)
- Blue (50%)



- Red (71%)
- Yellow (51%)
- Blue (50%)



- Cyan (0%)
- Magenta (28%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7362, 0.3764, 0.3335 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 27.7362, 0.3764, 0.3335 by changing the saturation by 10% instead.


 27.7362, 0.3764,
0.3335


 27.7362, 0.3764,
0.3335


291.2042, 0.3415,
0.3318

 18.1269, 0.3863,
0.3337


 56.0630, 0.3629,
0.3330

 11.0411, 0.3997,
0.3337


 75.5493, 0.3581,
0.3328

 6.0945, 0.4190,
0.3333


 99.0967, 0.3541,
0.3326

 2.9026, 0.4489,
0.3317

127.0896, 0.3508,
0.3324

 1.0811, 0.5116,
0.3328

159.9124, 0.3479,
0.3322

 0.0000, 1.0000,
0.0000

197.9495, 0.3455,

 0.0000, 0.0000,

0.3321

0.0000

241.5853, 0.3434,
0.3319

■ 27.7362, 0.3764,
0.3335

■ 27.7362, 0.3764,
0.3335

■ 23.0598, 0.4082,
0.3351

■ 33.2672, 0.3503,
0.3319

■ 19.1916, 0.4461,
0.3365

■ 39.6882, 0.3292,
0.3304

■ 16.0870, 0.4895,
0.3375

■ 47.0374, 0.3122,
0.3290

■ 13.6954, 0.5356,
0.3377

■ 55.3497, 0.2984,
0.3277

■ 11.9602, 0.5793,
0.3369

■ 64.6582, 0.2872,
0.3265

■ 10.8159, 0.6139,
0.3350

■ 74.9943, 0.2780,
0.3254

■ 10.1786, 0.6354,
0.3332

■ 86.3622, 0.2707,
0.3249

■ 10.1646, 0.6360,
0.3332

■ 88.6851, 0.2711,
0.3289

Harmonies

Analogous

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



27.7362, 0.3510, 0.3053



27.7362, 0.3764, 0.3335



27.7362, 0.3835, 0.3622

Triad

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



27.7362, 0.3764, 0.3335



27.7362, 0.3067, 0.3817



27.7362, 0.2567, 0.2737

Complementary

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



27.7362, 0.3764, 0.3335



40.2067, 0.2700, 0.3244

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.



27.7362, 0.2466, 0.2901



27.7362, 0.3764, 0.3335



27.7362, 0.2743, 0.3536

Square

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



27.7362, 0.3764, 0.3335



27.7362, 0.3420, 0.3928



27.7362, 0.2528, 0.3191



27.7362, 0.2813, 0.2718

Rectangle

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



27.7362, 0.3764, 0.3335



27.7362, 0.3769, 0.3783



27.7362, 0.2528, 0.3191



27.7362, 0.2515, 0.2776

Sweetspot

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



27.7375, 0.3764, 0.3335



72.6001, 0.3283, 0.3303



28.6512, 0.3189, 0.2597



15.6357, 0.3310, 0.3305



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



27.7375, 0.3764, 0.3335



44.2421, 0.3978, 0.3346



35.8557, 0.3657, 0.3708



9.0902, 0.3286, 0.3303



7.2108, 0.6351, 0.3339



0.2814, 0.6163, 0.3488

Inverse Universe

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



40.2067, 0.2700, 0.3244



70.7187, 0.2614, 0.3232



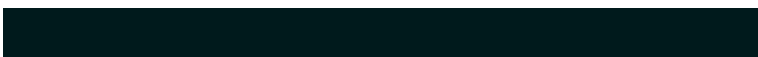
30.5215, 0.2656, 0.2832



10.1228, 0.2985, 0.3277



23.2231, 0.2200, 0.3118



0.8448, 0.2213, 0.3165

Previews

White Background



This preview shows how the Yxy color 27.7362, 0.3764, 0.3335 looks on a white background.

Color Contrast Check

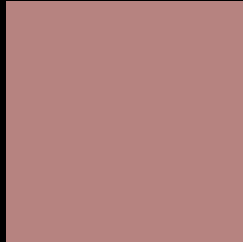
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7362, 0.3764, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

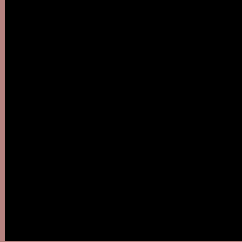
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7362, 0.3764, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 27.7362, 0.3764, 0.3335.



This preview shows how white text looks on a background with the Yxy color 27.7362, 0.3764, 0.3335.

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

27.7362, 0.3764, 0.3335

Protanopia

27.7838, 0.3272, 0.3419

Deuteranopia

27.8901, 0.3536, 0.3476



Tritanopia

27.6319, 0.3652, 0.3149

Trichromacy



Original Color

27.7362, 0.3764, 0.3335

Protanomaly

27.7082, 0.3447, 0.3400

Deuteranomaly

27.7986, 0.3628, 0.3427

Tritanomaly

27.7818, 0.3696, 0.3220

Monochromacy



Original Color

27.7362, 0.3764, 0.3335

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

28.2848, 0.3345, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7362, 0.3764, 0.3335 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(182, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(182, 131, 128)  
}
```

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(182, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 131, 128) }
```

Border

The CSS property to change the border of an element to Yxy 27.7362, 0.3764, 0.3335 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(182, 131, 128) }
```

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

```
.border{ border-color:rgb(182, 131, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 131, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(182, 131,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7362, 0.3764, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 131, 128) }
```

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

```
.background{ background-color: rgb(182,  
131, 128) }
```

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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