

Converting Colors

$Y_{xy}(21.3639, 0.3141, 0.3313)$

Have a look what the booklet for
Yxy(21.3639, 0.3141, 0.3313)
contains.

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Color

Yxy(21.1971, 0.3138, 0.3308)

Conversions

Conversions Part 1

Format	Color
Hex	7F7F7E
RGB	127, 127, 126
RGB Percent	50%, 50%, 49%
CMY	0.5020, 0.5019, 0.5058
CMYK	0.00, 0.00, 0.01, 0.50
HSL	60°, 0%, 50%
HSV	60°, 1%, 50%
XYZ	20.1078, 21.1971, 22.7734
YIQ	126.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	126, 127, 126
Decimal	8355710
CIE Lab	53.16, -0.19, 0.53
CIE LCh	53, 0.565, 110.152
Yxy	21.1971, 0.3138, 0.3308
Android (android.graphics.Color)	4286545790 (0xFF7F7F7E)
YUV	126.8860, -0.4368, 0.1000
Hunter-Lab	46.0403, -2.6120, 2.9009

Details

The Yxy color **21.1971, 0.3138, 0.3308** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **20.8935, 0.3116, 0.3272**, and the grayscale version is **21.1842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.6005, 0.3135, 0.3303**, and **7.6043, 0.3144, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **20.8853, 0.3279, 0.3543**, and if you desaturate by 10%, it is **21.5524, 0.3003, 0.3083**.

Distribution



Red (50%)

Green (50%)

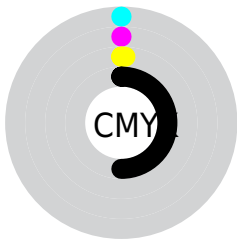
Blue (49%)



Red (49%)

Yellow (50%)

Blue (49%)



Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (50%)



Cyan (50%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.1971, 0.3138, 0.3308 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 21.1971, 0.3138, 0.3308 by changing the saturation by 10% instead.

■ 21.1971, 0.3138,
0.3308

■ 21.1971, 0.3138,
0.3308

258.3241, 0.3132,
0.3298

■ 13.2682, 0.3140,
0.3311

■ 45.4153, 0.3136,
0.3304

■ 7.6135, 0.3142,
0.3315

■ 62.4734, 0.3135,
0.3303

■ 3.8486, 0.3146,
0.3322

■ 83.3433, 0.3134,
0.3301

■ 1.5892, 0.3153,
0.3332

108.4094, 0.3133,
0.3301

■ 0.3503, 0.3209,
0.3425

138.0562, 0.3133,
0.3300

■ 0.0000, 0.0000,
0.0000

172.6680, 0.3133,

0.3299

212.6291, 0.3132,
0.3298

■ 21.1971, 0.3138,
0.3308

■ 21.1971, 0.3138,
0.3308

■ 20.8853, 0.3279,
0.3543

■ 21.5524, 0.3003,
0.3083

■ 20.6126, 0.3424,
0.3784

■ 21.9499, 0.2875,
0.2871

■ 20.3784, 0.3568,
0.4024

■ 22.3919, 0.2756,
0.2673

■ 20.1808, 0.3707,
0.4256

■ 22.8797, 0.2647,
0.2492

■ 20.0180, 0.3835,
0.4470

■ 23.4147, 0.2547,
0.2326

■ 19.8879, 0.3948,
0.4659

■ 23.9980, 0.2456,
0.2176

■ 19.7881, 0.4040,
0.4815

■ 24.6309, 0.2374,
0.2039

■ 19.7162, 0.4110,
0.4933

■ 25.3144, 0.2300,
0.1916

■ 19.6690, 0.4155,
0.5010

■ 26.0498, 0.2233,
0.1806

Harmonies

Analogous

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



21.1971, 0.3145, 0.3306



21.1971, 0.3138, 0.3308



21.1971, 0.3128, 0.3305

Triad

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



21.1971, 0.3138, 0.3308



21.1971, 0.3107, 0.3281



21.1971, 0.3137, 0.3282

Complementary

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



21.1971, 0.3138, 0.3308



20.8935, 0.3116, 0.3272

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.



21.1971, 0.3126, 0.3275



21.1971, 0.3138, 0.3308



21.1971, 0.3109, 0.3275

Square

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



21.1971, 0.3138, 0.3308



21.1971, 0.3110, 0.3290



21.1971, 0.3117, 0.3273



21.1971, 0.3144, 0.3290

Rectangle

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



21.1971, 0.3138, 0.3308



21.1971, 0.3121, 0.3301



21.1971, 0.3117, 0.3273



21.1971, 0.3133, 0.3279

Sweetspot

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



21.1980, 0.3138, 0.3308



38.0056, 0.3127, 0.3290



20.9432, 0.3139, 0.3290



8.8982, 0.3127, 0.3290



65.5931, 0.3127, 0.3290

Same Dimension

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



21.1980, 0.3138, 0.3308



37.9443, 0.3141, 0.3314



21.1604, 0.3132, 0.3308



5.0803, 0.3140, 0.3311



19.8047, 0.4184, 0.5060



0.0000, 0.0000, 0.0000

Inverse Universe

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



20.8935, 0.3116, 0.3272



37.2314, 0.3113, 0.3266



20.9309, 0.3122, 0.3272



4.9954, 0.3114, 0.3269



1.5499, 0.1503, 0.0602



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the Yxy color 21.1971, 0.3138, 0.3308 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 21.1971, 0.3138, 0.3308 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](#).



Tritanopia

21.2602, 0.3053, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1971, 0.3138, 0.3308 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(127, 127, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 127, 126)  
}
```


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