

Converting Colors

$Y_{xy}(22.1631, 0.3228, 0.3188)$

Have a look what the booklet for
Yxy(22.1631, 0.3228, 0.3188)
contains.

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Color

Yxy(22.1631, 0.3228, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	8C7E84
RGB	140, 126, 132
RGB Percent	55%, 49%, 52%
CMY	0.4509, 0.5059, 0.4824
CMYK	0.00, 0.10, 0.06, 0.45
HSL	334°, 6%, 52%
HSV	334°, 10%, 55%
XYZ	22.4412, 22.1631, 24.9161
YIQ	130.8700, 6.4180, 4.8340

Conversions

Conversions Part 2

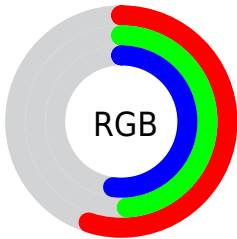
Format	Color
R_{YB}	140, 126, 132
Decimal	9207428
CIE _{Lab}	54.20, 6.45, -1.30
CIE _{LCh}	54, 6.578, 348.627
Yxy	22.1631, 0.3228, 0.3188
Android (android.graphics.Color)	4287397508 (0xFF8C7E84)
YUV	130.8700, 0.5571, 8.0070
Hunter-Lab	47.0777, 2.7021, 1.5749

Details

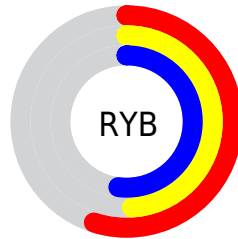
The Yxy color **22.1631, 0.3228, 0.3188** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.9182, 0.3036, 0.3394**, and the grayscale version is **22.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.2123, 0.3209, 0.3215**, and **8.1059, 0.3263, 0.3137** is the 20% darker color. If you saturate the color by 10%, you get **18.6189, 0.3350, 0.3080**, and if you desaturate by 10%, it is **26.2274, 0.3127, 0.3290**.

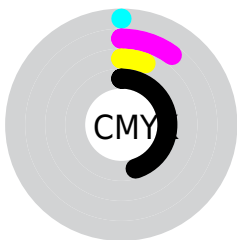
Distribution



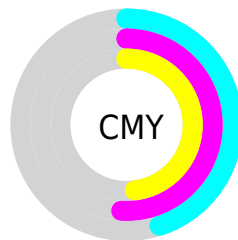
- Red (55%)
- Green (49%)
- Blue (52%)



- Red (55%)
- Yellow (49%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (45%)





- Cyan (45%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.1631, 0.3228, 0.3188 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 22.1631, 0.3228, 0.3188 by changing the saturation by 10% instead.


 22.1631, 0.3228,
0.3188


 22.1631, 0.3228,
0.3188


263.3968, 0.3172,
0.3245

 13.9768, 0.3245,
0.3171


 47.0154, 0.3206,
0.3210

 8.1045, 0.3268,
0.3148


 64.4502, 0.3198,
0.3218

 4.1619, 0.3302,
0.3114

 85.7366, 0.3192,
0.3225

 1.7645, 0.3359,
0.3057

111.2591, 0.3186,
0.3230

 0.4649, 0.3608,
0.2799

141.4019, 0.3182,
0.3235

 0.0000, 0.0000,
0.0000

176.5496, 0.3178,

0.3239

217.0864, 0.3175,
0.3242

■ 22.1631, 0.3228,
0.3188

■ 22.1631, 0.3228,
0.3188

■ 18.6189, 0.3350,
0.3080

■ 26.2274, 0.3127,
0.3290

■ 15.5708, 0.3496,
0.2969

■ 30.8286, 0.3044,
0.3385

■ 12.9971, 0.3670,
0.2858

■ 35.9867, 0.2975,
0.3473

■ 10.8737, 0.3875,
0.2754

■ 41.7194, 0.2918,
0.3554

■ 9.1740, 0.4110,
0.2664

■ 48.0440, 0.2871,
0.3628

■ 7.8689, 0.4373,
0.2599

■ 54.9766, 0.2832,
0.3696

■ 6.9252, 0.4653,
0.2572

■ 62.5332, 0.2799,
0.3758

■ 6.3045, 0.4937,
0.2592

■ 70.7288, 0.2771,
0.3815

■ 5.8997, 0.5217,
0.2647

■ 79.5782, 0.2748,
0.3867

Harmonies

Analogous

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



22.1631, 0.3110, 0.3117



22.1631, 0.3228, 0.3188



22.1631, 0.3320, 0.3286

Triad

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



22.1631, 0.3228, 0.3188



22.1631, 0.3255, 0.3497



22.1631, 0.2901, 0.3187

Complementary

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



22.1631, 0.3228, 0.3188



24.9182, 0.3036, 0.3394

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.



22.1631, 0.2938, 0.3290



22.1631, 0.3228, 0.3188



22.1631, 0.3141, 0.3472

Square

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



22.1631, 0.3228, 0.3188



22.1631, 0.3335, 0.3464



22.1631, 0.3025, 0.3395



22.1631, 0.2922, 0.3115

Rectangle

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



22.1631, 0.3228, 0.3188



22.1631, 0.3353, 0.3354



22.1631, 0.3025, 0.3395



22.1631, 0.2907, 0.3219

Sweetspot

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



22.1641, 0.3228, 0.3188



43.9428, 0.3156, 0.3259



21.8795, 0.3068, 0.3048



9.9985, 0.3163, 0.3252



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



22.1641, 0.3228, 0.3188



37.5868, 0.3253, 0.3164



22.2452, 0.3295, 0.3307



5.0817, 0.3218, 0.3197



5.2449, 0.5205, 0.2641



0.0377, 0.4228, 0.2103

Inverse Universe

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



22.1641, 0.3228, 0.3188



37.5868, 0.3253, 0.3164



24.8178, 0.2979, 0.3273



5.0817, 0.3218, 0.3197



5.2449, 0.5205, 0.2641



0.0377, 0.4228, 0.2103

Previews

White Background



This preview shows how the Yxy color 22.1631, 0.3228, 0.3188 looks on a white background.

Color Contrast Check

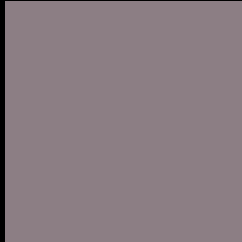
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1631, 0.3228, 0.3188 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

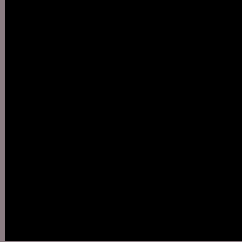
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1631, 0.3228, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 22.1631, 0.3228, 0.3188.



This preview shows how white text looks on a background with the Yxy color 22.1631, 0.3228, 0.3188.

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

22.1631, 0.3228, 0.3188

Protanopia

22.2470, 0.3097, 0.3202

Deuteranopia

22.2504, 0.3240, 0.3188



Tritanopia

21.9919, 0.3195, 0.3120

Trichromacy



Original Color

22.1631, 0.3228, 0.3188

Protanomaly

22.2001, 0.3143, 0.3203

Deuteranomaly

22.2504, 0.3240, 0.3188

Tritanomaly

21.9639, 0.3206, 0.3137

Monochromacy



Original Color

22.1631, 0.3228, 0.3188

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.4075, 0.3164, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1631, 0.3228, 0.3188 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(140, 126, 132)` looks like.

```
.text, #text, p{  
    color:rgb(140, 126, 132)  
}
```

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(140, 126, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 126, 132) }
```

Border

The CSS property to change the border of an element to Yxy 22.1631, 0.3228, 0.3188 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(140, 126, 132) }
```

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

```
.border{ border-color:rgb(140, 126, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 126, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 126, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 126, 132);  
box-shadow:4px 4px 4px 4px rgb(140, 126,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1631, 0.3228, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 126, 132) }
```

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

```
.background{ background-color: rgb(140,  
126, 132) }
```

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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