

Converting Colors

$Y_{xy}(22.6855, 0.3864, 0.4104)$

Have a look what the booklet for
Yxy(22.6855, 0.3864, 0.4104)
contains.

Yxy(22.6855, 0.3864, 0.4104)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.6855, 0.3864, 0.4104)

Conversions

Conversions Part 1

Format	Color
Hex	928252
RGB	146, 130, 82
RGB Percent	57%, 51%, 32%
CMY	0.4275, 0.4902, 0.6785
CMYK	0.00, 0.11, 0.44, 0.43
HSL	45°, 28%, 45%
HSV	45°, 44%, 57%
XYZ	21.3589, 22.6855, 11.2322
YIQ	129.3120, 24.9440, -11.5360

Conversions

Conversions Part 2

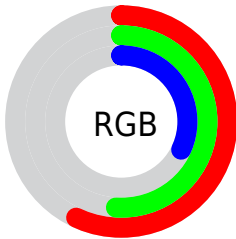
Format	Color
R_{YB}	103, 146, 82
Decimal	9601618
CIE _{Lab}	54.75, -0.96, 28.18
CIE _{LCh}	55, 28.195, 91.951
Yxy	22.6855, 0.3864, 0.4104
Android (android.graphics.Color)	4287791698 (0xFF928252)
YUV	129.3120, -23.3248, 14.6354
Hunter-Lab	47.6293, -3.3048, 19.3584

Details

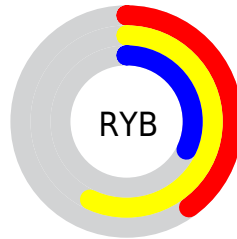
The Yxy color $22.6855, 0.3864, 0.4104$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.5992, 0.2388, 0.2309$, and the grayscale version is $22.1450, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.9504, 0.3709, 0.3936$, and $8.3919, 0.4115, 0.4384$ is the 20% darker color. If you saturate the color by 10%, you get $21.5342, 0.4047, 0.4275$, and if you desaturate by 10%, it is $23.9206, 0.3682, 0.3919$.

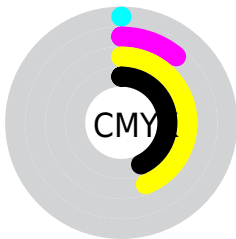
Distribution



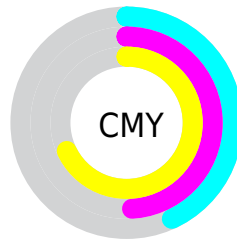
- Red (57%)
- Green (51%)
- Blue (32%)



- Red (40%)
- Yellow (57%)
- Blue (32%)



- Cyan (0%)
- Magenta (11%)
- Yellow (44%)
- Black (43%)



- Cyan (43%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.6855, 0.3864, 0.4104 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 22.6855, 0.3864, 0.4104 by changing the saturation by 10% instead.

■ 22.6855, 0.3864,
0.4104

■ 22.6855, 0.3864,
0.4104

■ 266.1055, 0.3460,
0.3655

■ 14.3615, 0.3974,
0.4228

■ 47.8764, 0.3709,
0.3931

■ 8.3725, 0.4119,
0.4391

■ 65.5120, 0.3653,
0.3869

■ 4.3342, 0.4311,
0.4611

■ 87.0203, 0.3607,
0.3818

■ 1.8622, 0.4819,
0.5181

■ 112.7857, 0.3568,
0.3775

■ 0.5255, 0.4753,
0.5247

■ 143.1925, 0.3535,
0.3738

■ 0.0000, 0.0000,
0.0000

178.6251, 0.3506,

0.3707

219.4680, 0.3482,
0.3679

■ 22.6855, 0.3864,
0.4104

■ 22.6855, 0.3864,
0.4104

■ 21.5342, 0.4047,
0.4275

■ 23.9206, 0.3682,
0.3919

■ 20.4602, 0.4224,
0.4423

■ 25.2394, 0.3505,
0.3730

■ 19.4608, 0.4386,
0.4538

■ 26.6459, 0.3338,
0.3541

■ 18.5318, 0.4527,
0.4612

■ 28.1428, 0.3183,
0.3358

■ 17.6680, 0.4641,
0.4640

■ 29.7326, 0.3041,
0.3184

■ 17.1604, 0.4705,
0.4646

■ 31.4179, 0.2912,
0.3021

■ 33.2009, 0.2795,
0.2870

■ 35.0838, 0.2690,
0.2730

■ 37.0688, 0.2596,
0.2602

Harmonies

Analogous

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



22.6855, 0.4108, 0.3804



22.6855, 0.3864, 0.4104



22.6855, 0.3431, 0.4196

Triad

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



22.6855, 0.3864, 0.4104



22.6855, 0.2266, 0.3046



22.6855, 0.3262, 0.2713

Complementary

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



22.6855, 0.3864, 0.4104



12.5992, 0.2388, 0.2309

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.



22.6855, 0.2770, 0.2525



22.6855, 0.3864, 0.4104



22.6855, 0.2229, 0.2679

Square

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



22.6855, 0.3864, 0.4104



22.6855, 0.2515, 0.3539



22.6855, 0.2404, 0.2506



22.6855, 0.3752, 0.3028

Rectangle

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



22.6855, 0.3864, 0.4104



22.6855, 0.3100, 0.4091



22.6855, 0.2404, 0.2506



22.6855, 0.3091, 0.2634

Sweetspot

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



22.6866, 0.3864, 0.4104



47.1575, 0.3329, 0.3530



13.0246, 0.3946, 0.3010



10.3768, 0.3361, 0.3567



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



22.6866, 0.3864, 0.4104



37.9458, 0.4051, 0.4279



25.9113, 0.3573, 0.4407



6.5018, 0.3265, 0.3455



15.1381, 0.4702, 0.4649



0.2319, 0.4424, 0.4869

Inverse Universe

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



12.5992, 0.2388, 0.2309



17.7307, 0.2201, 0.2030



10.7034, 0.2522, 0.2039



5.8544, 0.2989, 0.3119



2.9933, 0.1590, 0.0924



0.0777, 0.1798, 0.1671

Previews

White Background



This preview shows how the Yxy color 22.6855, 0.3864, 0.4104 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 22.6855, 0.3864, 0.4104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

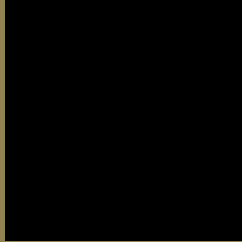
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6855, 0.3864, 0.4104

Background



This preview shows how black text looks on a background with the Yxy color 22.6855, 0.3864, 0.4104.



This preview shows how white text looks on a background with the Yxy color 22.6855, 0.3864, 0.4104.

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

22.6855, 0.3864, 0.4104

Protanopia

22.6814, 0.3819, 0.4131

Deuteranopia

22.5609, 0.4043, 0.3966



Tritanopia

22.6881, 0.3353, 0.3143

Trichromacy



Original Color

22.6855, 0.3864, 0.4104

Protanomaly

22.7711, 0.3832, 0.4127

Deuteranomaly

22.6733, 0.3976, 0.4011

Tritanomaly

22.5262, 0.3550, 0.3494

Monochromacy



Original Color

22.6855, 0.3864, 0.4104

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.0213, 0.3389, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6855, 0.3864, 0.4104 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(146, 130, 82)` looks like.

```
.text, #text, p{  
    color:rgb(146, 130, 82)  
}
```

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(146, 130, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 130, 82) }
```

Border

The CSS property to change the border of an element to Yxy 22.6855, 0.3864, 0.4104 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(146, 130, 82) }
```

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

```
.border{ border-color:rgb(146, 130, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 130, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 130, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 130, 82);  
box-shadow:4px 4px 4px 4px rgb(146, 130,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6855, 0.3864, 0.4104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 130, 82) }
```

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

```
.background{ background-color: rgb(146,  
130, 82) }
```

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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