

Converting Colors

$Y_{xy}(22.1136, 0.3793, 0.4031)$

Have a look what the booklet for
Yxy(22.1136, 0.3793, 0.4031)
contains.

Yxy(22.2120, 0.3788, 0.4034)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.2120, 0.3788, 0.4034)

Conversions

Conversions Part 1

Format	Color
Hex	8F8156
RGB	143, 129, 86
RGB Percent	56%, 51%, 34%
CMY	0.4392, 0.4941, 0.6627
CMYK	0.00, 0.10, 0.40, 0.44
HSL	45°, 25%, 45%
HSV	45°, 40%, 56%
XYZ	20.8575, 22.2120, 11.9925
YIQ	128.2840, 22.1470, -10.4050

Conversions

Conversions Part 2

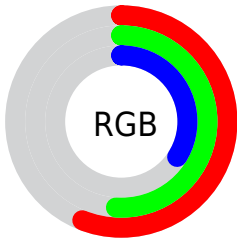
Format	Color
R_{YB}	105, 143, 86
Decimal	9404758
CIE Lab	54.25, -1.22, 25.25
CIE LCh	54, 25.283, 92.768
Yxy	22.2120, 0.3788, 0.4034
Android (android.graphics.Color)	4287594838 (0xFF8F8156)
YUV	128.2840, -20.8460, 12.9059
Hunter-Lab	47.1296, -3.4806, 17.9039

Details

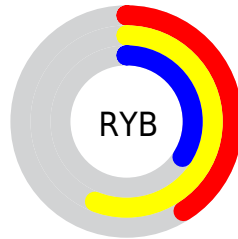
The Yxy color $22.2120, 0.3788, 0.4034$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.0755, 0.2462, 0.2411$, and the grayscale version is $21.7587, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.2392, 0.3651, 0.3879$, and $8.1147, 0.4013, 0.4304$ is the 20% darker color. If you saturate the color by 10%, you get $21.0959, 0.3970, 0.4212$, and if you desaturate by 10%, it is $23.4081, 0.3609, 0.3846$.

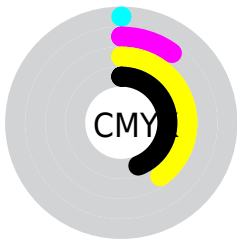
Distribution



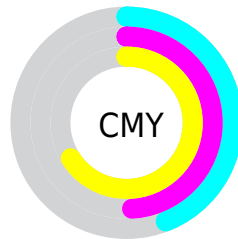
- Red (56%)
- Green (51%)
- Blue (34%)



- Red (41%)
- Yellow (56%)
- Blue (34%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (44%)





- Cyan (44%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2120, 0.3788, 0.4034 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 22.2120, 0.3788, 0.4034 by changing the saturation by 10% instead.


 22.2120, 0.3788,
0.4034


 22.2120, 0.3788,
0.4034


263.6514, 0.3423,
0.3620


 14.0128, 0.3890,
0.4151


 47.0961, 0.3647,
0.3874

 8.1295, 0.4025,
0.4307


 64.5498, 0.3597,
0.3816


 4.1779, 0.4209,
0.4523

 85.8571, 0.3555,
0.3769

 1.7736, 0.4803,
0.5197

 111.4024, 0.3520,
0.3730

 0.4706, 0.4701,
0.5299

 141.5701, 0.3490,
0.3696

 0.0000, 0.0000,
0.0000

176.7445, 0.3465,

0.3667

217.3102, 0.3442,
0.3642

■ 22.2120, 0.3788,
0.4034

■ 22.2120, 0.3788,
0.4034

■ 21.0959, 0.3970,
0.4212

■ 23.4081, 0.3609,
0.3846

■ 20.0536, 0.4149,
0.4371

■ 24.6839, 0.3436,
0.3655

■ 19.0827, 0.4316,
0.4501

■ 26.0431, 0.3275,
0.3468

■ 18.1796, 0.4465,
0.4593

■ 27.4882, 0.3125,
0.3288

■ 17.3397, 0.4589,
0.4641

■ 29.0217, 0.2988,
0.3117

■ 16.5519, 0.4692,
0.4655

■ 30.6456, 0.2864,
0.2958

■ 16.5409, 0.4694,
0.4655

■ 32.3623, 0.2752,
0.2811

■ 34.1737, 0.2652,
0.2675

■ 36.0819, 0.2561,
0.2551

Harmonies

Analogous

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



22.2120, 0.4011, 0.3771



22.2120, 0.3788, 0.4034



22.2120, 0.3394, 0.4102

Triad

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



22.2120, 0.3788, 0.4034



22.2120, 0.2340, 0.3063



22.2120, 0.3264, 0.2770

Complementary

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



22.2120, 0.3788, 0.4034



13.0755, 0.2462, 0.2411

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.



22.2120, 0.2816, 0.2595



22.2120, 0.3788, 0.4034



22.2120, 0.2310, 0.2732

Square

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



22.2120, 0.3788, 0.4034



22.2120, 0.2565, 0.3504



22.2120, 0.2477, 0.2575



22.2120, 0.3702, 0.3063

Rectangle

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



22.2120, 0.3788, 0.4034



22.2120, 0.3094, 0.4001



22.2120, 0.2477, 0.2575



22.2120, 0.3109, 0.2696

Sweetspot

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



22.2130, 0.3788, 0.4034



46.0433, 0.3312, 0.3512



13.4205, 0.3838, 0.3036



10.4949, 0.3330, 0.3533



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.



22.2130, 0.3788, 0.4034



37.9438, 0.3955, 0.4198



24.9639, 0.3536, 0.4302



6.0642, 0.3264, 0.3455



14.6595, 0.4691, 0.4658



0.1747, 0.4419, 0.4873

Inverse Universe

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



13.0755, 0.2462, 0.2411



19.2129, 0.2294, 0.2165



11.3629, 0.2590, 0.2169



5.4568, 0.2990, 0.3119



2.8514, 0.1589, 0.0918



0.0575, 0.1794, 0.1657

Previews

White Background



This preview shows how the Yxy color 22.2120, 0.3788, 0.4034 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 22.2120, 0.3788, 0.4034 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 22.2120, 0.3788, 0.4034

Background



This preview shows how black text looks on a background with the Yxy color 22.2120, 0.3788, 0.4034.



This preview shows how white text looks on a background with the Yxy color 22.2120, 0.3788, 0.4034.

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

22.2120, 0.3788, 0.4034

Protanopia

22.2999, 0.3756, 0.4057

Deuteranopia

22.1713, 0.3978, 0.3896



Tritanopia

22.1553, 0.3318, 0.3124

Trichromacy



Original Color

22.2120, 0.3788, 0.4034

Protanomaly

22.3879, 0.3769, 0.4053

Deuteranomaly

22.1891, 0.3899, 0.3943

Tritanomaly

22.0392, 0.3492, 0.3445

Monochromacy



Original Color

22.2120, 0.3788, 0.4034

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.6171, 0.3356, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2120, 0.3788, 0.4034 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(143, 129, 86)` looks like.

```
.text, #text, p{  
    color:rgb(143, 129, 86)  
}
```

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(143, 129, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 129, 86) }
```

Border

The CSS property to change the border of an element to Yxy 22.2120, 0.3788, 0.4034 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(143, 129, 86) }
```

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

```
.border{ border-color:rgb(143, 129, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 129, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 129, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 129, 86);  
box-shadow:4px 4px 4px 4px rgb(143, 129,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2120, 0.3788, 0.4034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 129, 86) }
```

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

```
.background{ background-color: rgb(143,  
129, 86) }
```

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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