

Converting Colors

$Y_{xy}(22.2526, 0.3221, 0.3901)$

Have a look what the booklet for
Yxy(22.2526, 0.3221, 0.3901)
contains.

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Color

Yxy(22.2526, 0.3221, 0.3901)

Conversions

Conversions Part 1

Format	Color
Hex	738868
RGB	115, 136, 104
RGB Percent	45%, 53%, 41%
CMY	0.5490, 0.4667, 0.5922
CMYK	0.15, 0.00, 0.24, 0.47
HSL	99°, 13%, 47%
HSV	99°, 24%, 53%
XYZ	18.3737, 22.2526, 16.4171
YIQ	126.0730, -2.2440, -14.4040

Conversions

Conversions Part 2

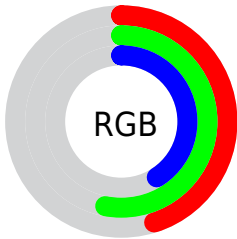
Format	Color
RYB	104, 136, 125
Decimal	7571560
CIELab	54.29, -13.89, 14.75
CIElCh	54, 20.256, 133.277
Yxy	22.2526, 0.3221, 0.3901
Android (android.graphics.Color)	4285761640 (0xFF738868)
YUV	126.0730, -10.8820, -9.7110
Hunter-Lab	47.1727, -13.0268, 12.3867

Details

The Yxy color $22.2526, 0.3221, 0.3901$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $16.0307, 0.3008, 0.2702$, and the grayscale version is $20.9292, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.9772, 0.3204, 0.3758$, and $8.1092, 0.3233, 0.4153$ is the 20% darker color. If you saturate the color by 10%, you get $21.4238, 0.3255, 0.4196$, and if you desaturate by 10%, it is $23.1863, 0.3182, 0.3626$.

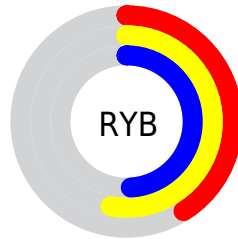
Distribution



Red (45%)

Green (53%)

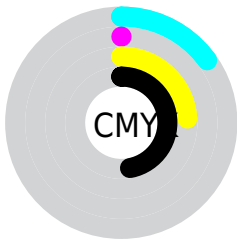
Blue (41%)



Red (41%)

Yellow (53%)

Blue (49%)

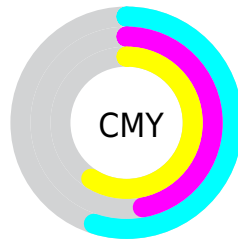


Cyan (15%)

Magenta (0%)

Yellow (24%)

Black (47%)



Cyan (55%)


Magenta (47%)

Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.2526, 0.3221, 0.3901 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 22.2526, 0.3221, 0.3901 by changing the saturation by 10% instead.


 22.2526, 0.3221,
0.3901


 22.2526, 0.3221,
0.3901


263.8626, 0.3174,
0.3549


 14.0426, 0.3232,
0.4009


 47.1631, 0.3204,
0.3759


 8.1503, 0.3245,
0.4164


 64.6325, 0.3198,
0.3710

 4.1913, 0.3257,
0.4401

 85.9571, 0.3192,
0.3671

 1.7811, 0.3282,
0.4838

 111.5213, 0.3187,
0.3638

 0.4754, 0.1918,
0.8082

141.7096, 0.3183,
0.3610

 0.0000, 0.0000,
0.0000

176.9063, 0.3180,

0.3587

217.4958, 0.3176,
0.3566

■ 22.2526, 0.3221,
0.3901

■ 22.2526, 0.3221,
0.3901

■ 21.4238, 0.3255,
0.4196

■ 23.1863, 0.3182,
0.3626

■ 20.6933, 0.3283,
0.4503

■ 24.2256, 0.3142,
0.3374

■ 20.0579, 0.3300,
0.4811

■ 25.3749, 0.3101,
0.3146


■ 19.5134, 0.3304,
0.5107


■ 26.6374, 0.3060,
0.2942

■ 19.0550, 0.3294,
0.5373


■ 28.0162, 0.3021,
0.2761

 18.6775, 0.3267,
0.5593


 29.5142, 0.2984,
0.2600

 18.3748, 0.3226,
0.5754

 31.1344, 0.2949,
0.2458

 18.2102, 0.3199,
0.5842

 32.8795, 0.2916,
0.2332

 34.7521, 0.2886,
0.2221

Harmonies

Analogous

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



[22.2526](#), [0.3563](#), [0.3927](#)



[22.2526](#), [0.3221](#), [0.3901](#)



[22.2526](#), [0.2867](#), [0.3678](#)

Triad

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



22.2526, 0.3221, 0.3901



22.2526, 0.2493, 0.2780



22.2526, 0.3685, 0.3209

Complementary

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



22.2526, 0.3221, 0.3901



16.0307, 0.3008, 0.2702

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.



22.2526, 0.3369, 0.2942



22.2526, 0.3221, 0.3901



22.2526, 0.2684, 0.2698

Square

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



22.2526, 0.3221, 0.3901



22.2526, 0.2460, 0.3007



22.2526, 0.3000, 0.2759



22.2526, 0.3843, 0.3506

Rectangle

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



22.2526, 0.3221, 0.3901



22.2526, 0.2671, 0.3457



22.2526, 0.3000, 0.2759



22.2526, 0.3592, 0.3114

Sweetspot

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



22.2536, 0.3221, 0.3901



42.0098, 0.3157, 0.3462



20.8481, 0.3510, 0.3666



9.7086, 0.3158, 0.3474



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



22.2536, 0.3221, 0.3901



38.4545, 0.3239, 0.4048



21.6497, 0.3050, 0.3826



5.6866, 0.3165, 0.3512



17.2399, 0.3200, 0.5841



0.1221, 0.3534, 0.5576

Inverse Universe

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



16.0307, 0.3008, 0.2702



25.5974, 0.2976, 0.2568



16.7744, 0.3215, 0.2807



5.0441, 0.3086, 0.3071



3.7033, 0.2379, 0.1084



0.0327, 0.2773, 0.1301

Previews

White Background



This preview shows how the Yxy color 22.2526, 0.3221, 0.3901 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 22.2526, 0.3221, 0.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

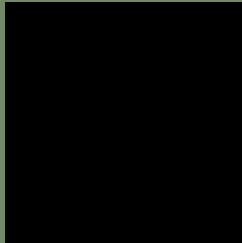
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.2526, 0.3221, 0.3901

Background



This preview shows how black text looks on a background with the Yxy color 22.2526, 0.3221, 0.3901.



This preview shows how white text looks on a background with the Yxy color 22.2526, 0.3221, 0.3901.

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

22.2526, 0.3221, 0.3901

Protanopia

22.0434, 0.3553, 0.3787

Deuteranopia

22.1919, 0.3664, 0.3612



Tritanopia

22.2206, 0.2914, 0.3111

Trichromacy



Original Color

22.2526, 0.3221, 0.3901

Protanomaly

22.2077, 0.3431, 0.3837

Deuteranomaly

22.0388, 0.3495, 0.3718

Tritanomaly

22.2555, 0.3022, 0.3381

Monochromacy



Original Color

22.2526, 0.3221, 0.3901

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

21.4108, 0.3163, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.2526, 0.3221, 0.3901 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(115, 136, 104)` looks like.

```
.text, #text, p{  
    color:rgb(115, 136, 104)  
}
```

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(115, 136, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 136, 104) }
```

Border

The CSS property to change the border of an element to Yxy 22.2526, 0.3221, 0.3901 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(115, 136, 104) }
```

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

```
.border{ border-color:rgb(115, 136, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 136, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 136, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 136, 104);  
box-shadow:4px 4px 4px 4px rgb(115, 136,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 22.2526, 0.3221, 0.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 136, 104) }
```

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

```
.background{ background-color: rgb(115,  
136, 104) }
```

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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