

Converting Colors

$Yxy(22.1411, 0.3374, 0.4481)$

Have a look what the booklet for
Yxy(22.1411, 0.3374, 0.4481)
contains.

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Color

Yxy(22.1411, 0.3374, 0.4481)

Conversions

Conversions Part 1

Format	Color
Hex	6B8B4E
RGB	107, 139, 78
RGB Percent	42%, 55%, 31%
CMY	0.5804, 0.4549, 0.6942
CMYK	0.23, 0.00, 0.44, 0.45
HSL	91°, 28%, 43%
HSV	91°, 44%, 55%
XYZ	16.6713, 22.1411, 10.5987
YIQ	122.4780, 0.5090, -25.7550

Conversions

Conversions Part 2

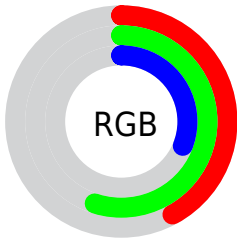
Format	Color
RYB	78, 139, 110
Decimal	7048014
CIELab	54.18, -22.60, 28.99
CIELCh	54, 36.760, 127.936
Yxy	22.1411, 0.3374, 0.4481
Android (android.graphics.Color)	4285238094 (0xFF6B8B4E)
YUV	122.4780, -21.9277, -13.5742
Hunter-Lab	47.0543, -19.1027, 19.5834

Details

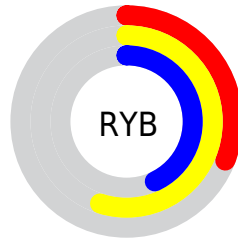
The Yxy color $22.1411, 0.3374, 0.4481$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $10.6235, 0.2752, 0.2117$, and the grayscale version is $19.7002, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.1720, 0.3339, 0.4205$, and $8.1432, 0.3418, 0.5001$ is the 20% darker color. If you saturate the color by 10%, you get $21.5305, 0.3410, 0.4771$, and if you desaturate by 10%, it is $22.8339, 0.3327, 0.4188$.

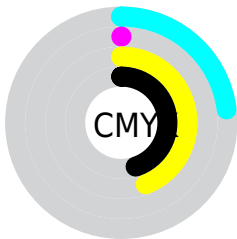
Distribution



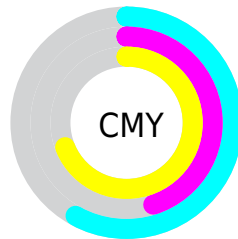
- Red (42%)
- Green (55%)
- Blue (31%)



- Red (31%)
- Yellow (55%)
- Blue (43%)



- Cyan (23%)
- Magenta (0%)
- Yellow (44%)
- Black (45%)





- Cyan (58%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.1411, 0.3374, 0.4481 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 22.1411, 0.3374, 0.4481 by changing the saturation by 10% instead.


 22.1411, 0.3374,
0.4481


 22.1411, 0.3374,
0.4481


263.2822, 0.3257,
0.3787


 13.9606, 0.3394,
0.4694


 46.9791, 0.3336,
0.4201


 8.0933, 0.3408,
0.4994


 64.4054, 0.3320,
0.4105

 4.1547, 0.3399,
0.5440

 85.6824, 0.3306,
0.4026

 1.7605, 0.3490,
0.6510

 111.1946, 0.3294,
0.3962

 0.4624, 0.0000,
1.0000

 141.3262, 0.3283,
0.3907

 0.0000, 0.0000,
0.0000

176.4618, 0.3273,

0.3861

216.9857, 0.3265,
0.3821

■ 22.1411, 0.3374,
0.4481

■ 22.1411, 0.3374,
0.4481

■ 21.5305, 0.3410,
0.4771

■ 22.8339, 0.3327,
0.4188

■ 20.9955, 0.3430,
0.5047

■ 23.6093, 0.3272,
0.3903

■ 20.5331, 0.3432,
0.5292


■ 24.4714, 0.3212,
0.3633

■ 20.1390, 0.3413,
0.5494

■ 25.4232, 0.3151,
0.3382

■ 19.8079, 0.3375,
0.5644


■ 26.4674, 0.3090,
0.3153

 19.6285, 0.3349,
0.5723

 27.6067, 0.3031,
0.2945

 28.8437, 0.2974,
0.2758

 30.1808, 0.2921,
0.2591

 31.6204, 0.2870,
0.2442

Harmonies

Analogous

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



22.1411, 0.3970, 0.4395



22.1411, 0.3374, 0.4481



22.1411, 0.2743, 0.4130

Triad

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



22.1411, 0.3374, 0.4481



22.1411, 0.2006, 0.2428



22.1411, 0.4058, 0.3036

Complementary

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



22.1411, 0.3374, 0.4481



10.6235, 0.2752, 0.2117

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.



22.1411, 0.3432, 0.2621



22.1411, 0.3374, 0.4481



22.1411, 0.2273, 0.2275

Square

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



22.1411, 0.3374, 0.4481



22.1411, 0.1994, 0.2839



22.1411, 0.2773, 0.2351



22.1411, 0.4410, 0.3526

Rectangle

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



22.1411, 0.3374, 0.4481



22.1411, 0.2389, 0.3706



22.1411, 0.2773, 0.2351



22.1411, 0.3868, 0.2886

Sweetspot

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



22.1421, 0.3374, 0.4481



43.9229, 0.3208, 0.3617



17.0850, 0.3969, 0.3865



10.0465, 0.3221, 0.3669



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.



22.1421, 0.3374, 0.4481



38.5300, 0.3410, 0.4779



20.6493, 0.3057, 0.4580



5.7173, 0.3183, 0.3511



17.7251, 0.3352, 0.5720



0.1264, 0.3696, 0.5448

Inverse Universe

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



10.6235, 0.2752, 0.2117



15.0344, 0.2635, 0.1829



12.7697, 0.3190, 0.2269



5.0128, 0.3067, 0.3070



2.9668, 0.2098, 0.0929



0.0284, 0.2574, 0.1192

Previews

White Background



This preview shows how the Yxy color 22.1411, 0.3374, 0.4481 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 22.1411, 0.3374, 0.4481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

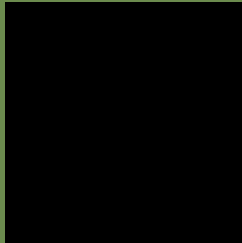
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1411, 0.3374, 0.4481

Background



This preview shows how black text looks on a background with the Yxy color 22.1411, 0.3374, 0.4481.



This preview shows how white text looks on a background with the Yxy color 22.1411, 0.3374, 0.4481.

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

22.1411, 0.3374, 0.4481

Protanopia

21.9457, 0.3905, 0.4234

Deuteranopia

21.8430, 0.4044, 0.3958



Tritanopia

22.1685, 0.2852, 0.3109

Trichromacy



Original Color

22.1411, 0.3374, 0.4481

Protanomaly

21.9502, 0.3700, 0.4341

Deuteranomaly

21.6979, 0.3779, 0.4137

Tritanomaly

22.1706, 0.3047, 0.3592

Monochromacy



Original Color

22.1411, 0.3374, 0.4481

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

20.2609, 0.3238, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1411, 0.3374, 0.4481 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(107, 139, 78)` looks like.

```
.text, #text, p{  
    color:rgb(107, 139, 78)  
}
```

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(107, 139, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 139, 78) }
```

Border

The CSS property to change the border of an element to Yxy 22.1411, 0.3374, 0.4481 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(107, 139, 78) }
```

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

```
.border{ border-color:rgb(107, 139, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 139, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 139, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 139, 78);  
box-shadow:4px 4px 4px 4px rgb(107, 139,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 22.1411, 0.3374, 0.4481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 139, 78) }
```

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

```
.background{ background-color: rgb(107,  
139, 78) }
```

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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