

Converting Colors

$Y_{xy}(22.7617, 0.3409, 0.4487)$

Have a look what the booklet for
Yxy(22.7617, 0.3409, 0.4487)
contains.

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Color

Yxy(22.6212, 0.3405, 0.4482)

Conversions

Conversions Part 1

Format	Color
Hex	6E8C4E
RGB	110, 140, 78
RGB Percent	43%, 55%, 31%
CMY	0.5685, 0.4510, 0.6942
CMYK	0.21, 0.00, 0.44, 0.45
HSL	89°, 28%, 43%
HSV	89°, 44%, 55%
XYZ	17.1854, 22.6212, 10.6646
YIQ	123.9620, 2.0220, -25.6420

Conversions

Conversions Part 2

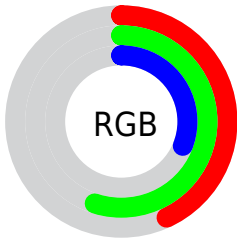
Format	Color
R_{YB}	78, 140, 108
Decimal	7244878
CIE _{Lab}	54.68, -21.92, 29.67
CIE _{LCh}	55, 36.890, 126.458
Yxy	22.6212, 0.3405, 0.4482
Android (android.graphics.Color)	4285434958 (0xFF6E8C4E)
YUV	123.9620, -22.6593, -12.2447
Hunter-Lab	47.5617, -18.7358, 19.9989

Details

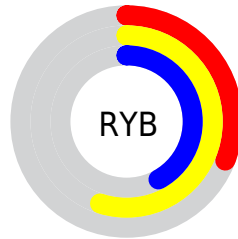
The Yxy color $22.6212, 0.3405, 0.4482$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $10.5249, 0.2712, 0.2093$, and the grayscale version is $20.2205, 0.3127, 0.3290$.

A 20% lighter version of the original color is $47.9286, 0.3363, 0.4209$, and $8.3719, 0.3444, 0.4999$ is the 20% darker color. If you saturate the color by 10%, you get $22.0246, 0.3446, 0.4766$, and if you desaturate by 10%, it is $23.2956, 0.3351, 0.4194$.

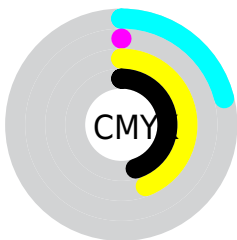
Distribution



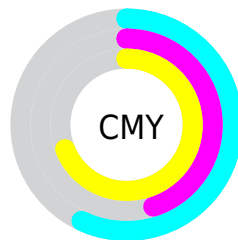
- Red (43%)
- Green (55%)
- Blue (31%)



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



- Cyan (21%)
- Magenta (0%)
- Yellow (44%)
- Black (45%)




- Cyan (57%)
- Magenta (45%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6212, 0.3405, 0.4482 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 22.6212, 0.3405, 0.4482 by changing the saturation by 10% instead.


 22.6212, 0.3405,
0.4482


 22.6212, 0.3405,
0.4482


265.7734, 0.3271,
0.3791


 14.3141, 0.3430,
0.4692


 47.7706, 0.3361,
0.4204

 8.3394, 0.3451,
0.4986


 65.3816, 0.3342,
0.4108

 4.3129, 0.3450,
0.5419

 86.8627, 0.3327,
0.4030

 1.8501, 0.3556,
0.6444

 112.5983, 0.3313,
0.3966

 0.5181, 0.0000,
1.0000

 142.9728, 0.3300,
0.3911

 0.0000, 0.0000,
0.0000

178.3705, 0.3290,

0.3865

219.1759, 0.3280,
0.3825

■ 22.6212, 0.3405,
0.4482

■ 22.6212, 0.3405,
0.4482

■ 22.0246, 0.3446,
0.4766

■ 23.2956, 0.3351,
0.4194

■ 21.4995, 0.3472,
0.5034

■ 24.0482, 0.3290,
0.3911

■ 21.0430, 0.3478,
0.5270


■ 24.8829, 0.3224,
0.3643


■ 20.6508, 0.3463,
0.5464

■ 25.8024, 0.3156,
0.3392


■ 20.3177, 0.3427,
0.5608


■ 26.8096, 0.3089,
0.3161

 20.1465, 0.3404,
0.5679

 27.9069, 0.3024,
0.2952

 29.0968, 0.2962,
0.2763

 30.3816, 0.2903,
0.2593

 31.7635, 0.2848,
0.2441

Harmonies

Analogous

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



22.6212, 0.3993, 0.4378



22.6212, 0.3405, 0.4482



22.6212, 0.2774, 0.4154

Triad

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



22.6212, 0.3405, 0.4482



22.6212, 0.2003, 0.2445



22.6212, 0.4028, 0.3014

Complementary

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



22.6212, 0.3405, 0.4482



10.5249, 0.2712, 0.2093

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.



22.6212, 0.3397, 0.2606



22.6212, 0.3405, 0.4482



22.6212, 0.2257, 0.2280

Square

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



22.6212, 0.3405, 0.4482



22.6212, 0.2004, 0.2867



22.6212, 0.2746, 0.2345



22.6212, 0.4397, 0.3501

Rectangle

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



22.6212, 0.3405, 0.4482



22.6212, 0.2415, 0.3739



22.6212, 0.2746, 0.2345



22.6212, 0.3836, 0.2866

Sweetspot

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



22.6222, 0.3405, 0.4482



44.0298, 0.3217, 0.3616



16.6245, 0.4004, 0.3817



10.0744, 0.3230, 0.3668



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.



22.6222, 0.3405, 0.4482



38.8494, 0.3446, 0.4761



21.0131, 0.3085, 0.4608



5.7270, 0.3189, 0.3511



17.9133, 0.3407, 0.5676



0.1277, 0.3742, 0.5410

Inverse Universe

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



10.5249, 0.2712, 0.2093



14.7128, 0.2590, 0.1811



12.7370, 0.3146, 0.2235



5.0031, 0.3061, 0.3069



2.7753, 0.2018, 0.0885



0.0271, 0.2508, 0.1155

Previews

White Background



This preview shows how the Yxy color 22.6212, 0.3405, 0.4482 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 22.6212, 0.3405, 0.4482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

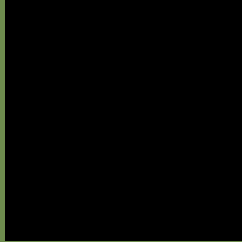
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6212, 0.3405, 0.4482

Background



This preview shows how black text looks on a background with the Yxy color 22.6212, 0.3405, 0.4482.



This preview shows how white text looks on a background with the Yxy color 22.6212, 0.3405, 0.4482.

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

22.6212, 0.3405, 0.4482

Protanopia

22.5802, 0.3892, 0.4243

Deuteranopia

22.5455, 0.4054, 0.3981



Tritanopia

22.6802, 0.2875, 0.3111

Trichromacy



Original Color

22.6212, 0.3405, 0.4482

Protanomaly

22.3973, 0.3709, 0.4329

Deuteranomaly

22.2221, 0.3811, 0.4140

Tritanomaly

22.6532, 0.3079, 0.3607

Monochromacy



Original Color

22.6212, 0.3405, 0.4482

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.9487, 0.3247, 0.3729

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6212, 0.3405, 0.4482 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(110, 140, 78)` looks like.

```
.text, #text, p{  
    color:rgb(110, 140, 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(110, 140, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 140, 78) }
```

Border

The CSS property to change the border of an element to Yxy 22.6212, 0.3405, 0.4482 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(110, 140, 78) }
```

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

```
.border{ border-color:rgb(110, 140, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 140, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 140, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 140, 78);  
box-shadow:4px 4px 4px 4px rgb(110, 140,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6212, 0.3405, 0.4482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 140, 78) }
```

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

```
.background{ background-color: rgb(110,  
140, 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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