

Converting Colors

$Yxy(21.5394, 0.3381, 0.4448)$

Have a look what the booklet for
Yxy(21.5394, 0.3381, 0.4448)
contains.

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Color

Yxy(21.5672, 0.3381, 0.4451)

Conversions

Conversions Part 1

Format	Color
Hex	6B894E
RGB	107, 137, 78
RGB Percent	42%, 54%, 31%
CMY	0.5805, 0.4627, 0.6942
CMYK	0.22, 0.00, 0.43, 0.46
HSL	91°, 27%, 42%
HSV	91°, 43%, 54%
XYZ	16.3825, 21.5672, 10.5050
YIQ	121.3040, 1.0590, -24.7090

Conversions

Conversions Part 2

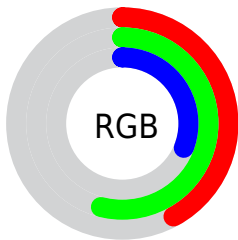
Format	Color
R_{YB}	78, 137, 108
Decimal	7047502
CIE _{Lab}	53.56, -21.59, 28.21
CIE _{LCh}	54, 35.522, 127.425
Yxy	21.5672, 0.3381, 0.4451
Android (android.graphics.Color)	4285237582 (0xFF6B894E)
YUV	121.3040, -21.3489, -12.5446
Hunter-Lab	46.4405, -18.3025, 19.0968

Details

The Yxy color $21.5672, 0.3381, 0.4451$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $10.4426, 0.2749, 0.2138$, and the grayscale version is $19.2935, 0.3127, 0.3290$.

A 20% lighter version of the original color is $46.1910, 0.3335, 0.4183$, and $7.8202, 0.3421, 0.4942$ is the 20% darker color. If you saturate the color by 10%, you get $20.9770, 0.3420, 0.4740$, and if you desaturate by 10%, it is $22.2350, 0.3330, 0.4161$.

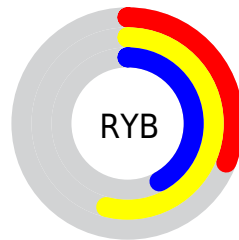
Distribution



Red (42%)

Green (54%)

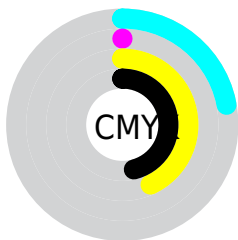
Blue (31%)



Red (31%)

Yellow (54%)

Blue (42%)

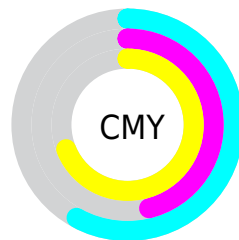


Cyan (22%)

Magenta (0%)

Yellow (43%)

Black (46%)



Cyan (58%)

Magenta (46%)

Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.5672, 0.3381, 0.4451 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 21.5672, 0.3381, 0.4451 by changing the saturation by 10% instead.


 21.5672, 0.3381,
0.4451


 21.5672, 0.3381,
0.4451

260.2777, 0.3258,
0.3772


 13.5392, 0.3403,
0.4660


 46.0296, 0.3340,
0.4177

 7.8009, 0.3422,
0.4956


 63.2329, 0.3324,
0.4082

 3.9678, 0.3419,
0.5399

 84.2633, 0.3309,
0.4006

 1.6556, 0.3526,
0.6474

 109.5054, 0.3296,
0.3943

 0.3946, 0.0000,
1.0000

 139.3435, 0.3285,
0.3890

 0.0000, 0.0000,
0.0000

174.1620, 0.3275,

0.3845

214.3452, 0.3266,
0.3806

■ 21.5672, 0.3381,
0.4451

■ 21.5672, 0.3381,
0.4451

■ 20.9770, 0.3420,
0.4740

■ 22.2350, 0.3330,
0.4161

■ 20.4583, 0.3444,
0.5014

■ 22.9808, 0.3272,
0.3878

■ 20.0083, 0.3450,
0.5259

■ 23.8084, 0.3210,
0.3611


■ 19.6228, 0.3435,
0.5463

■ 24.7207, 0.3147,
0.3362

■ 19.2971, 0.3400,
0.5616

■ 25.7201, 0.3084,
0.3135

 19.0977, 0.3371,
0.5706

 26.8092, 0.3022,
0.2929

 27.9904, 0.2964,
0.2743

 29.2661, 0.2909,
0.2577

 30.6383, 0.2857,
0.2429

Harmonies

Analogous

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



21.5672, 0.3961, 0.4365



21.5672, 0.3381, 0.4451



21.5672, 0.2764, 0.4116

Triad

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



21.5672, 0.3381, 0.4451



21.5672, 0.2028, 0.2454



21.5672, 0.4025, 0.3035

Complementary

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



21.5672, 0.3381, 0.4451



10.4426, 0.2749, 0.2138

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.



21.5672, 0.3414, 0.2630



21.5672, 0.3381, 0.4451



21.5672, 0.2286, 0.2298

Square

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



21.5672, 0.3381, 0.4451



21.5672, 0.2022, 0.2861



21.5672, 0.2773, 0.2368



21.5672, 0.4375, 0.3515

Rectangle

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



21.5672, 0.3381, 0.4451



21.5672, 0.2415, 0.3707



21.5672, 0.2773, 0.2368



21.5672, 0.3840, 0.2888

Sweetspot

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



21.5681, 0.3381, 0.4451



42.5990, 0.3212, 0.3616



16.4885, 0.3956, 0.3836



9.4872, 0.3224, 0.3667



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.



21.5681, 0.3381, 0.4451



37.5547, 0.3420, 0.4742



20.0625, 0.3067, 0.4571



5.7209, 0.3185, 0.3511



17.7945, 0.3373, 0.5704



0.1269, 0.3714, 0.5433

Inverse Universe

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



10.4426, 0.2749, 0.2138



14.8173, 0.2631, 0.1852



12.5727, 0.3175, 0.2274



5.0091, 0.3065, 0.3069



2.8918, 0.2067, 0.0912



0.0279, 0.2549, 0.1178

Previews

White Background



This preview shows how the Yxy color 21.5672, 0.3381, 0.4451 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 21.5672, 0.3381, 0.4451 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 21.5672, 0.3381, 0.4451

Background



This preview shows how black text looks on a background with the Yxy color 21.5672, 0.3381, 0.4451.



This preview shows how white text looks on a background with the Yxy color 21.5672, 0.3381, 0.4451.

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

21.5672, 0.3381, 0.4451

Protanopia

21.5218, 0.3876, 0.4212

Deuteranopia

21.3832, 0.4038, 0.3966



Tritanopia

21.5717, 0.2869, 0.3108

Trichromacy



Original Color

21.5672, 0.3381, 0.4451

Protanomaly

21.3436, 0.3690, 0.4298

Deuteranomaly

21.0763, 0.3790, 0.4127

Tritanomaly

21.5701, 0.3068, 0.3595

Monochromacy



Original Color

21.5672, 0.3381, 0.4451

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

19.9117, 0.3239, 0.3719

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5672, 0.3381, 0.4451 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, 137, 78)` looks like.

```
.text, #text, p{  
    color:rgb(107, 137, 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, 137, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 137, 78) }
```

Border

The CSS property to change the border of an element to Yxy 21.5672, 0.3381, 0.4451 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, 137, 78) }
```

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

```
.border{ border-color:rgb(107, 137, 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, 137, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 137, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 137, 78);  
box-shadow:4px 4px 4px 4px rgb(107, 137,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5672, 0.3381, 0.4451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 137, 78) }
```

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

```
.background{ background-color: rgb(107,  
137, 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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