

Converting Colors

$Y_{xy}(21.5918, 0.3828, 0.5258)$

Have a look what the booklet for
Yxy(21.5918, 0.3828, 0.5258)
contains.

Yxy(21.5882, 0.3829, 0.5257)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(21.5882, 0.3829, 0.5257)

Conversions

Conversions Part 1

Format	Color
Hex	6F8A0E
RGB	111, 138, 14
RGB Percent	44%, 54%, 5%
CMY	0.5647, 0.4588, 0.9451
CMYK	0.20, 0.00, 0.90, 0.46
HSL	73°, 82%, 30%
HSV	73°, 90%, 54%
XYZ	15.7240, 21.5882, 3.7534
YIQ	115.7910, 23.7120, -44.2880

Conversions

Conversions Part 2

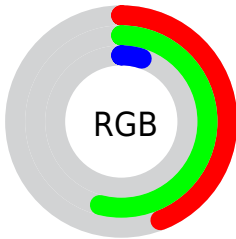
Format	Color
R _{YB}	14, 138, 41
Decimal	7309838
CIE Lab	53.59, -25.46, 54.89
CIE LCh	54, 60.507, 114.889
Yxy	21.5882, 0.3829, 0.5257
Android (android.graphics.Color)	4285499918 (0xFF6F8A0E)
YUV	115.7910, -50.1830, -4.2017
Hunter-Lab	46.4631, -20.9025, 27.7346

Details

The Yxy color **21.5882, 0.3829, 0.5257** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **2.6204, 0.1739, 0.0805**, and the grayscale version is **17.5498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.8630, 0.3750, 0.4832**, and **7.9093, 0.3663, 0.5473** is the 20% darker color. If you saturate the color by 10%, you get **21.3663, 0.3822, 0.5346**, and if you desaturate by 10%, it is **21.8386, 0.3819, 0.5136**.

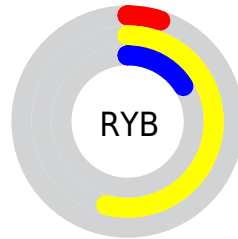
Distribution



Red (44%)

Green (54%)

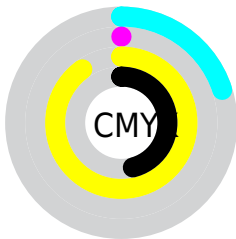
Blue (5%)



Red (5%)

Yellow (54%)

Blue (16%)

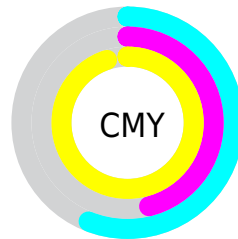


Cyan (20%)

Magenta (0%)

Yellow (90%)

Black (46%)



Cyan (56%)


Magenta (46%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 21.5882, 0.3829, 0.5257 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 21.5882, 0.3829, 0.5257 by changing the saturation by 10% instead.


 21.5882, 0.3829,
0.5257


 21.5882, 0.3829,
0.5257


260.3881, 0.3526,
0.4154


 13.5546, 0.3850,
0.5541


 46.0644, 0.3749,
0.4840

 7.8116, 0.3874,
0.5964


 63.2759, 0.3707,
0.4686


 3.9746, 0.3692,
0.6308

 84.3154, 0.3669,
0.4558

 1.6594, 0.3275,
0.6725

 109.5674, 0.3634,
0.4451

 0.3971, 0.0000,
1.0000

 139.4163, 0.3603,
0.4360

 0.0000, 0.0000,
0.0000


 174.2465, 0.3574,


0.4281


 214.4423, 0.3549,
0.4213

 21.5882, 0.3829,
0.5257


 21.5882, 0.3829,
0.5257


 21.3663, 0.3822,
0.5346


 21.8386, 0.3819,
0.5136

 21.3631, 0.3822,
0.5347

 22.1248, 0.3784,
0.4972

 22.4517, 0.3726,
0.4771

 22.8224, 0.3649,
0.4540

 23.2398, 0.3556,
0.4292

■ 23.7065, 0.3453,
0.4034

■ 24.2249, 0.3345,
0.3776

■ 24.7972, 0.3234,
0.3525

■ 25.4254, 0.3126,
0.3287

Harmonies

Analogous

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



21.5882, 0.4692, 0.4680



21.5882, 0.3829, 0.5257



21.5882, 0.2848, 0.5147

Triad

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



21.5882, 0.3829, 0.5257



21.5882, 0.1389, 0.2116



21.5882, 0.4234, 0.2572

Complementary

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



21.5882, 0.3829, 0.5257



2.6204, 0.1739, 0.0805

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.



21.5882, 0.3105, 0.2066



21.5882, 0.3829, 0.5257



21.5882, 0.1610, 0.1788

Square

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



21.5882, 0.3829, 0.5257



21.5882, 0.1499, 0.2892



21.5882, 0.2173, 0.1791



21.5882, 0.5066, 0.3220

Rectangle

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



21.5882, 0.3829, 0.5257



21.5882, 0.2246, 0.4526



21.5882, 0.2173, 0.1791



21.5882, 0.3861, 0.2382

Sweetspot

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



21.5892, 0.3829, 0.5257



41.9858, 0.3429, 0.3975



7.0119, 0.5811, 0.3590



9.3605, 0.3460, 0.4050



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.



21.5892, 0.3829, 0.5257



37.5845, 0.3814, 0.5354



18.8655, 0.3182, 0.5749



5.7910, 0.3227, 0.3508



19.5929, 0.3823, 0.5346



0.1365, 0.4011, 0.5198

Inverse Universe

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



2.6204, 0.1739, 0.0805



3.6630, 0.1615, 0.0664



5.0249, 0.2592, 0.1262



4.9414, 0.3022, 0.3066



1.9417, 0.1634, 0.0674



0.0183, 0.2012, 0.0882

Previews

White Background



This preview shows how the Yxy color 21.5882, 0.3829, 0.5257 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 21.5882, 0.3829, 0.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

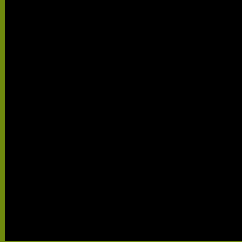
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.5882, 0.3829, 0.5257

Background



This preview shows how black text looks on a background with the Yxy color 21.5882, 0.3829, 0.5257.



This preview shows how white text looks on a background with the Yxy color 21.5882, 0.3829, 0.5257.

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

21.5882, 0.3829, 0.5257

Protanopia

21.3895, 0.4374, 0.4854

Deuteranopia

21.3357, 0.4612, 0.4525



Tritanopia

21.4109, 0.2953, 0.3110

Trichromacy



Original Color

21.5882, 0.3829, 0.5257

Protanomaly

21.4322, 0.4168, 0.5011

Deuteranomaly

21.0802, 0.4332, 0.4788

Tritanomaly

21.1444, 0.3381, 0.4039

Monochromacy



Original Color

21.5882, 0.3829, 0.5257

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

18.5572, 0.3514, 0.4191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.5882, 0.3829, 0.5257 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(111, 138, 14)` looks like.

```
.text, #text, p{  
    color:rgb(111, 138, 14)  
}
```

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(111, 138, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 138, 14) }
```

Border

The CSS property to change the border of an element to Yxy 21.5882, 0.3829, 0.5257 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(111, 138, 14) }
```

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

```
.border{ border-color:rgb(111, 138, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 138, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 138, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 138, 14);  
box-shadow:4px 4px 4px 4px rgb(111, 138,  
14) }
```


Background

The CSS property to change the background color of an element to Yxy 21.5882, 0.3829, 0.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 138, 14) }
```

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

```
.background{ background-color: rgb(111,  
138, 14) }
```

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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