

Converting Colors

$Y_{xy}(21.0478, 0.4119, 0.4419)$

Have a look what the booklet for
Yxy(21.0478, 0.4119, 0.4419)
contains.

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Color

Yxy(21.1464, 0.4125, 0.4427)

Conversions

Conversions Part 1

Format	Color
Hex	907E39
RGB	144, 126, 57
RGB Percent	56%, 49%, 22%
CMY	0.4352, 0.5059, 0.7764
CMYK	0.00, 0.13, 0.60, 0.44
HSL	48°, 43%, 39%
HSV	48°, 60%, 56%
XYZ	19.7038, 21.1464, 6.9166
YIQ	123.5160, 32.8770, -17.6430

Conversions

Conversions Part 2

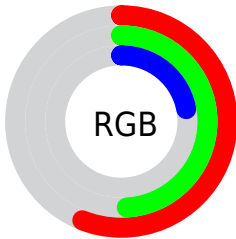
Format	Color
R_{YB}	80, 144, 57
Decimal	9469497
CIE _{Lab}	53.11, -1.97, 39.35
CIE _{LCh}	53, 39.402, 92.859
Yxy	21.1464, 0.4125, 0.4427
Android (android.graphics.Color)	4287659577 (0xFF907E39)
YUV	123.5160, -32.7924, 17.9645
Hunter-Lab	45.9852, -3.9901, 23.2718

Details

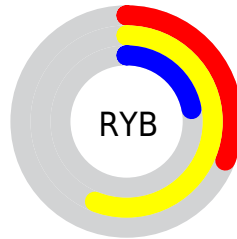
The Yxy color **21.1464, 0.4125, 0.4427** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **7.9228, 0.2072, 0.1776**, and the grayscale version is **20.0912, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.1817, 0.3926, 0.4185**, and **7.5450, 0.4429, 0.4774** is the 20% darker color. If you saturate the color by 10%, you get **20.2717, 0.4279, 0.4561**, and if you desaturate by 10%, it is **22.0866, 0.3958, 0.4263**.

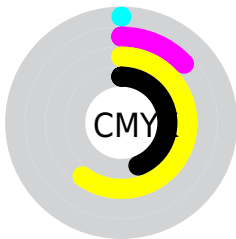
Distribution



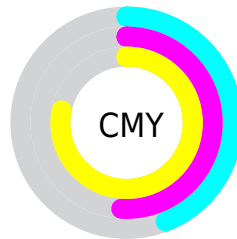
- Red (56%)
- Green (49%)
- Blue (22%)



- Red (31%)
- Yellow (56%)
- Blue (22%)



- Cyan (0%)
- Magenta (13%)
- Yellow (60%)
- Black (44%)




- Cyan (44%)
- Magenta (51%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.1464, 0.4125, 0.4427 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 21.1464, 0.4125, 0.4427 by changing the saturation by 10% instead.

 21.1464, 0.4125,
0.4427


 21.1464, 0.4125,
0.4427


258.0555, 0.3588,
0.3807


 13.2311, 0.4259,
0.4586


 45.3311, 0.3926,
0.4194

 7.5878, 0.4420,
0.4782


 62.3692, 0.3851,
0.4109

 3.8324, 0.4763,
0.5191

 83.2170, 0.3789,
0.4037

 1.5802, 0.4755,
0.5245

 108.2589, 0.3736,
0.3977

 0.3442, 0.4478,
0.5522

 137.8793, 0.3691,
0.3925

 0.0000, 0.0000,
0.0000

 172.4626, 0.3652,

0.3880

212.3932, 0.3618,
0.3841

■ 21.1464, 0.4125,
0.4427

■ 21.1464, 0.4125,
0.4427

■ 20.2717, 0.4279,
0.4561

■ 22.0866, 0.3958,
0.4263

■ 19.4559, 0.4412,
0.4656

■ 23.0927, 0.3784,
0.4079

■ 18.6955, 0.4519,
0.4707

■ 24.1686, 0.3611,
0.3883

■ 18.0071, 0.4604,
0.4726

■ 25.3173, 0.3442,
0.3684

■ 26.5412, 0.3282,
0.3487

■ 27.8428, 0.3133,
0.3298

■ 29.2243, 0.2995,
0.3118

■ 30.6881, 0.2870,
0.2949

■ 32.2361, 0.2756,
0.2794

Harmonies

Analogous

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



21.1464, 0.4504, 0.3975



21.1464, 0.4125, 0.4427



21.1464, 0.3503, 0.4608

Triad

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



21.1464, 0.4125, 0.4427



21.1464, 0.1933, 0.2895



21.1464, 0.3329, 0.2508

Complementary

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



21.1464, 0.4125, 0.4427



7.9228, 0.2072, 0.1776

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.



21.1464, 0.2634, 0.2251



21.1464, 0.4125, 0.4427



21.1464, 0.1901, 0.2410

Square

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



21.1464, 0.4125, 0.4427



21.1464, 0.2247, 0.3617



21.1464, 0.2139, 0.2206



21.1464, 0.4038, 0.2928

Rectangle

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



21.1464, 0.4125, 0.4427



21.1464, 0.3039, 0.4467



21.1464, 0.2139, 0.2206



21.1464, 0.3084, 0.2402

Sweetspot

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



21.1474, 0.4125, 0.4427



45.0699, 0.3409, 0.3644



9.3794, 0.4527, 0.2976



10.2079, 0.3452, 0.3696



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



21.1474, 0.4125, 0.4427



35.2921, 0.4322, 0.4594



24.1960, 0.3664, 0.4825



6.0983, 0.3263, 0.3463



15.7105, 0.4602, 0.4728



0.1810, 0.4379, 0.4905

Inverse Universe

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



7.9228, 0.2072, 0.1776



10.0057, 0.1855, 0.1410



6.7217, 0.2270, 0.1533



5.4248, 0.2990, 0.3110



2.5839, 0.1568, 0.0844



0.0512, 0.1756, 0.1520

Previews

White Background



This preview shows how the Yxy color 21.1464, 0.4125, 0.4427 looks on a white background.

Color Contrast Check

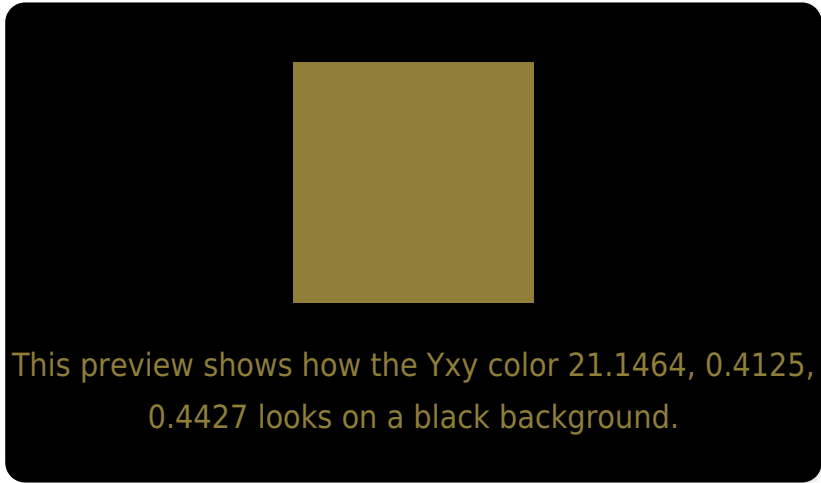
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

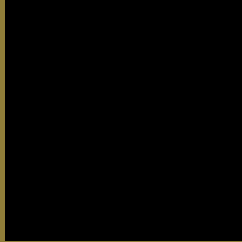
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 21.1464, 0.4125, 0.4427

Background



This preview shows how black text looks on a background with the Yxy color 21.1464, 0.4125, 0.4427.



This preview shows how white text looks on a background with the Yxy color 21.1464, 0.4125, 0.4427.

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

21.1464, 0.4125, 0.4427

Protanopia

21.1369, 0.4076, 0.4461

Deuteranopia

21.1483, 0.4335, 0.4263



Tritanopia

20.9994, 0.3415, 0.3124

Trichromacy



Original Color

21.1464, 0.4125, 0.4427

Protanomaly

21.2249, 0.4089, 0.4454

Deuteranomaly

21.1468, 0.4250, 0.4322

Tritanomaly

20.9300, 0.3707, 0.3617

Monochromacy



Original Color

21.1464, 0.4125, 0.4427

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

20.4126, 0.3491, 0.3752

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.1464, 0.4125, 0.4427 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(144, 126, 57)` looks like.

```
.text, #text, p{  
    color:rgb(144, 126, 57)  
}
```

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(144, 126, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 126, 57) }
```

Border

The CSS property to change the border of an element to Yxy 21.1464, 0.4125, 0.4427 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(144, 126, 57) }
```

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

```
.border{ border-color:rgb(144, 126, 57) }
```

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

Here you see how a box with a 4 pixel rgb(144, 126, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 126, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 126, 57);  
box-shadow:4px 4px 4px 4px rgb(144, 126,  
57) }
```


Background

The CSS property to change the background color of an element to Yxy 21.1464, 0.4125, 0.4427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 126, 57) }
```

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

```
.background{ background-color: rgb(144,  
126, 57) }
```

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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