

Converting Colors

$Y_{xy}(22.0792, 0.4284, 0.4261)$

Have a look what the booklet for
Yxy(22.0792, 0.4284, 0.4261)
contains.

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Color

Yxy(22.0213, 0.4287, 0.4262)

Conversions

Conversions Part 1

Format	Color
Hex	9E7C3D
RGB	158, 124, 61
RGB Percent	62%, 49%, 24%
CMY	0.3804, 0.5137, 0.7608
CMYK	0.00, 0.22, 0.61, 0.38
HSL	39°, 44%, 43%
HSV	39°, 61%, 62%
XYZ	22.1505, 22.0213, 7.4972
YIQ	126.9840, 40.4870, -12.3850

Conversions

Conversions Part 2

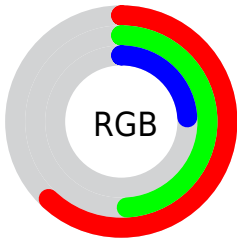
Format	Color
R_{YB}	113, 158, 61
Decimal	10386493
CIE _{Lab}	54.05, 5.76, 38.80
CIE _{LCh}	54, 39.226, 81.563
Yxy	22.0213, 0.4287, 0.4262
Android (android.graphics.Color)	4288576573 (0xFF9E7C3D)
YUV	126.9840, -32.5301, 27.2010
Hunter-Lab	46.9269, 2.1338, 23.3765

Details

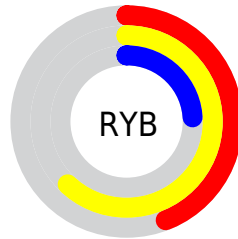
The Yxy color **22.0213, 0.4287, 0.4262** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.6436, 0.2109, 0.2015**, and the grayscale version is **21.3215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.6454, 0.4048, 0.4068**, and **7.9423, 0.4654, 0.4521** is the 20% darker color. If you saturate the color by 10%, you get **20.5272, 0.4493, 0.4368**, and if you desaturate by 10%, it is **23.6456, 0.4075, 0.4125**.

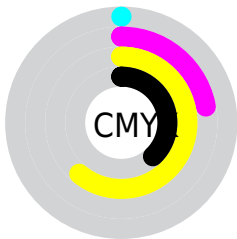
Distribution



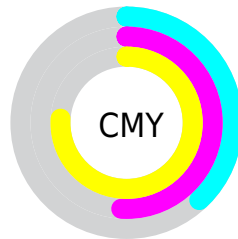
- Red (62%)
- Green (49%)
- Blue (24%)



- Red (44%)
- Yellow (62%)
- Blue (24%)



- Cyan (0%)
- Magenta (22%)
- Yellow (61%)
- Black (38%)





- Cyan (38%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.0213, 0.4287, 0.4262 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 22.0213, 0.4287, 0.4262 by changing the saturation by 10% instead.


 22.0213, 0.4287,
0.4262


 22.0213, 0.4287,
0.4262


262.6575, 0.3656,
0.3752

 13.8726, 0.4450,
0.4383


 46.7812, 0.4050,
0.4077

 8.0321, 0.4654,
0.4525


 64.1611, 0.3962,
0.4006


 4.1155, 0.5008,
0.4776

 85.3869, 0.3890,
0.3947

 1.7384, 0.5199,
0.4801

 110.8430, 0.3828,
0.3896

 0.4483, 0.5583,
0.4417

 140.9136, 0.3776,
0.3852

 0.0000, 0.0000,
0.0000

 175.9834, 0.3730,

0.3814

216.4365, 0.3691,
0.3781

■ 22.0213, 0.4287,
0.4262

■ 22.0213, 0.4287,
0.4262

■ 20.5272, 0.4493,
0.4368

■ 23.6456, 0.4075,
0.4125

■ 19.1544, 0.4682,
0.4434

■ 25.4022, 0.3865,
0.3969

■ 17.8971, 0.4844,
0.4452

■ 27.2970, 0.3664,
0.3803

■ 16.8957, 0.4968,
0.4438

■ 29.3344, 0.3476,
0.3635

■ 31.5186, 0.3304,
0.3470

■ 33.8537, 0.3148,
0.3311

■ 36.3433, 0.3007,
0.3162

■ 38.9911, 0.2882,
0.3023

■ 41.8005, 0.2771,
0.2895

Harmonies

Analogous

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



22.0213, 0.4526, 0.3772



22.0213, 0.4287, 0.4262



22.0213, 0.3746, 0.4564

Triad

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



22.0213, 0.4287, 0.4262



22.0213, 0.2036, 0.3152



22.0213, 0.3054, 0.2403

Complementary

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



22.0213, 0.4287, 0.4262



11.6436, 0.2109, 0.2015

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.



22.0213, 0.2431, 0.2224



22.0213, 0.4287, 0.4262



22.0213, 0.1899, 0.2572

Square

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



22.0213, 0.4287, 0.4262



22.0213, 0.2448, 0.3892



22.0213, 0.2035, 0.2268



22.0213, 0.3776, 0.2764

Rectangle

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



22.0213, 0.4287, 0.4262



22.0213, 0.3300, 0.4550



22.0213, 0.2035, 0.2268



22.0213, 0.2827, 0.2321

Sweetspot

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



22.0224, 0.4287, 0.4262



54.4496, 0.3422, 0.3584



11.4612, 0.4280, 0.2739



12.0337, 0.3471, 0.3630



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



22.0224, 0.4287, 0.4262



36.2412, 0.4572, 0.4400



30.8165, 0.3831, 0.4768



7.3287, 0.3269, 0.3435



13.6074, 0.4960, 0.4444



0.3198, 0.4589, 0.4738

Inverse Universe

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



11.6436, 0.2109, 0.2015



15.8308, 0.1901, 0.1672



7.2588, 0.2086, 0.1420



6.7966, 0.2988, 0.3141



4.2622, 0.1656, 0.1160



0.1518, 0.1872, 0.1938

Previews

White Background



This preview shows how the Yxy color 22.0213, 0.4287, 0.4262 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 22.0213, 0.4287, 0.4262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

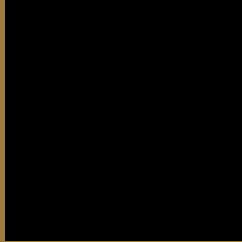
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.0213, 0.4287, 0.4262

Background



This preview shows how black text looks on a background with the Yxy color 22.0213, 0.4287, 0.4262.



This preview shows how white text looks on a background with the Yxy color 22.0213, 0.4287, 0.4262.

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

22.0213, 0.4287, 0.4262

Protanopia

22.1638, 0.4018, 0.4407

Deuteranopia

21.9764, 0.4322, 0.4237



Tritanopia

22.0155, 0.3609, 0.3149

Trichromacy



Original Color

22.0213, 0.4287, 0.4262

Protanomaly

22.0820, 0.4110, 0.4363

Deuteranomaly

21.8738, 0.4310, 0.4242

Tritanomaly

21.9693, 0.3882, 0.3582

Monochromacy



Original Color

22.0213, 0.4287, 0.4262

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

21.3043, 0.3542, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0213, 0.4287, 0.4262 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(158, 124, 61)` looks like.

```
.text, #text, p{  
    color:rgb(158, 124, 61)  
}
```

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(158, 124, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 124, 61) }
```

Border

The CSS property to change the border of an element to Yxy 22.0213, 0.4287, 0.4262 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(158, 124, 61) }
```

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

```
.border{ border-color:rgb(158, 124, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 124, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 124, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 124, 61);  
box-shadow:4px 4px 4px 4px rgb(158, 124,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0213, 0.4287, 0.4262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 124, 61) }
```

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

```
.background{ background-color: rgb(158,  
124, 61) }
```

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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