

Converting Colors

$Y_{xy}(22.6283, 0.4193, 0.4263)$

Have a look what the booklet for
Yxy(22.6283, 0.4193, 0.4263)
contains.

Yxy(22.6283, 0.4193, 0.4263)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(22.6283, 0.4193, 0.4263)

Conversions

Conversions Part 1

Format	Color
Hex	9C7F41
RGB	156, 127, 65
RGB Percent	61%, 50%, 25%
CMY	0.3882, 0.5020, 0.7451
CMYK	0.00, 0.19, 0.58, 0.39
HSL	41°, 41%, 43%
HSV	41°, 58%, 61%
XYZ	22.2567, 22.6283, 8.1957
YIQ	128.6030, 37.1860, -13.1340

Conversions

Conversions Part 2

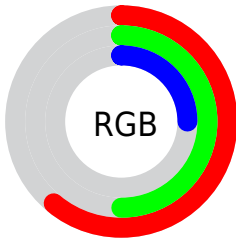
Format	Color
R_{YB}	108, 156, 65
Decimal	10256193
CIE _{Lab}	54.69, 3.50, 37.43
CIE _{LCh}	55, 37.593, 84.662
Yxy	22.6283, 0.4193, 0.4263
Android (android.graphics.Color)	4288446273 (0xFF9C7F41)
YUV	128.6030, -31.3563, 24.0272
Hunter-Lab	47.5692, 0.2707, 23.0834

Details

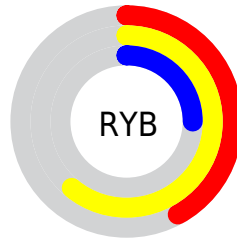
The Yxy color **22.6283, 0.4193, 0.4263** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **11.5348, 0.2147, 0.2032**, and the grayscale version is **21.9099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.0265, 0.3974, 0.4073**, and **8.3140, 0.4534, 0.4539** is the 20% darker color. If you saturate the color by 10%, you get **21.2193, 0.4390, 0.4386**, and if you desaturate by 10%, it is **24.1529, 0.3991, 0.4113**.

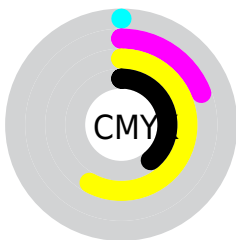
Distribution



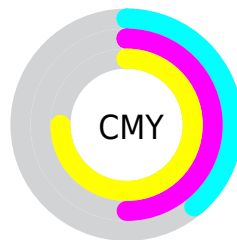
- Red (61%)
- Green (50%)
- Blue (25%)



- Red (42%)
- Yellow (61%)
- Blue (25%)



- Cyan (0%)
- Magenta (19%)
- Yellow (58%)
- Black (39%)





- Cyan (39%)
- Magenta (50%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6283, 0.4193, 0.4263 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 22.6283, 0.4193, 0.4263 by changing the saturation by 10% instead.


 22.6283, 0.4193,
0.4263


 22.6283, 0.4193,
0.4263


265.8101, 0.3615,
0.3746


 14.3193, 0.4343,
0.4391


 47.7823, 0.3976,
0.4073


 8.3431, 0.4531,
0.4545

 65.3960, 0.3896,
0.4001

 4.3152, 0.4821,
0.4781

 86.8801, 0.3829,
0.3941

 1.8514, 0.5069,
0.4931

 112.6190, 0.3773,
0.3890

 0.5189, 0.5272,
0.4728

 142.9971, 0.3725,
0.3847

 0.0000, 0.0000,
0.0000

178.3987, 0.3683,

0.3809

219.2082, 0.3647,
0.3775

■ 22.6283, 0.4193,
0.4263

■ 22.6283, 0.4193,
0.4263

■ 21.2193, 0.4390,
0.4386

■ 24.1529, 0.3991,
0.4113

■ 19.9176, 0.4571,
0.4470

■ 25.7944, 0.3790,
0.3947

■ 18.7182, 0.4729,
0.4510

■ 27.5582, 0.3599,
0.3772

■ 17.6110, 0.4861,
0.4506

■ 29.4483, 0.3419,
0.3597

■ 17.4335, 0.4883,
0.4505

■ 31.4684, 0.3254,
0.3426

■ 33.6220, 0.3103,
0.3264

■ 35.9125, 0.2968,
0.3110

■ 38.3430, 0.2846,
0.2968

■ 40.9166, 0.2738,
0.2837

Harmonies

Analogous

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



22.6283, 0.4452, 0.3809



22.6283, 0.4193, 0.4263



22.6283, 0.3659, 0.4511

Triad

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



22.6283, 0.4193, 0.4263



22.6283, 0.2059, 0.3095



22.6283, 0.3130, 0.2470

Complementary

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



22.6283, 0.4193, 0.4263



11.5348, 0.2147, 0.2032

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.



22.6283, 0.2517, 0.2278



22.6283, 0.4193, 0.4263



22.6283, 0.1954, 0.2567

Square

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



22.6283, 0.4193, 0.4263



22.6283, 0.2430, 0.3789



22.6283, 0.2111, 0.2299



22.6283, 0.3811, 0.2832

Rectangle

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



22.6283, 0.4193, 0.4263



22.6283, 0.3229, 0.4460



22.6283, 0.2111, 0.2299



22.6283, 0.2908, 0.2384

Sweetspot

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



22.6294, 0.4193, 0.4263



53.4649, 0.3419, 0.3597



11.6832, 0.4251, 0.2808



11.5539, 0.3467, 0.3645



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



22.6294, 0.4193, 0.4263



37.7888, 0.4447, 0.4416



29.8150, 0.3771, 0.4723



7.3633, 0.3268, 0.3442



14.4201, 0.4877, 0.4510



0.3304, 0.4549, 0.4770

Inverse Universe

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



11.5348, 0.2147, 0.2032



15.8185, 0.1940, 0.1699



7.8947, 0.2178, 0.1533



6.7634, 0.2988, 0.3133



3.8950, 0.1633, 0.1078



0.1413, 0.1846, 0.1845

Previews

White Background



This preview shows how the Yxy color 22.6283, 0.4193, 0.4263 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 22.6283, 0.4193, 0.4263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

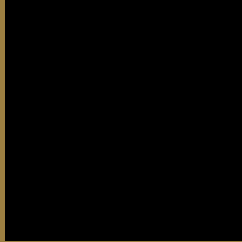
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6283, 0.4193, 0.4263

Background



This preview shows how black text looks on a background with the Yxy color 22.6283, 0.4193, 0.4263.



This preview shows how white text looks on a background with the Yxy color 22.6283, 0.4193, 0.4263.

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

22.6283, 0.4193, 0.4263

Protanopia

22.6457, 0.4007, 0.4367

Deuteranopia

22.6376, 0.4265, 0.4195



Tritanopia

22.5950, 0.3536, 0.3148

Trichromacy



Original Color

22.6283, 0.4193, 0.4263

Protanomaly

22.7482, 0.4066, 0.4331

Deuteranomaly

22.6860, 0.4230, 0.4220

Tritanomaly

22.5775, 0.3789, 0.3567

Monochromacy



Original Color

22.6283, 0.4193, 0.4263

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.9679, 0.3512, 0.3679

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6283, 0.4193, 0.4263 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(156, 127, 65)` looks like.

```
.text, #text, p{  
    color:rgb(156, 127, 65)  
}
```

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(156, 127, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 127, 65) }
```

Border

The CSS property to change the border of an element to Yxy 22.6283, 0.4193, 0.4263 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(156, 127, 65) }
```

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

```
.border{ border-color:rgb(156, 127, 65) }
```

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

Here you see how a box with a 4 pixel rgb(156, 127, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 127, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 127, 65);  
box-shadow:4px 4px 4px 4px rgb(156, 127,  
65) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6283, 0.4193, 0.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 127, 65) }
```

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

```
.background{ background-color: rgb(156,  
127, 65) }
```

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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