

Converting Colors

$Y_{xy}(20.6669, 0.4058, 0.4377)$

Have a look what the booklet for
Yxy(20.6669, 0.4058, 0.4377)
contains.

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Color

$\text{Yxy}(20.6669, 0.4058, 0.4377)$

Conversions

Conversions Part 1

Format	Color
Hex	8D7D3D
RGB	141, 125, 61
RGB Percent	55%, 49%, 24%
CMY	0.4470, 0.5098, 0.7609
CMYK	0.00, 0.11, 0.57, 0.45
HSL	48°, 40%, 40%
HSV	48°, 57%, 55%
XYZ	19.1607, 20.6669, 7.3895
YIQ	122.4880, 30.0800, -16.5120

Conversions

Conversions Part 2

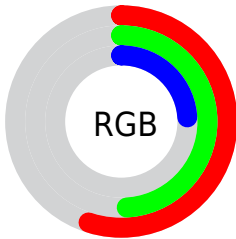
Format	Color
R_{YB}	81, 141, 61
Decimal	9272637
CIE _{Lab}	52.58, -2.44, 36.67
CIE _{LCh}	53, 36.748, 93.809
Yxy	20.6669, 0.4058, 0.4377
Android (android.graphics.Color)	4287462717 (0xFF8D7D3D)
YUV	122.4880, -30.3136, 16.2350
Hunter-Lab	45.4609, -4.3230, 22.1853

Details

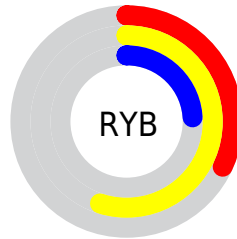
The Yxy color **20.6669, 0.4058, 0.4377** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.2184, 0.2138, 0.1872**, and the grayscale version is **19.7239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **44.3058, 0.3870, 0.4151**, and **7.2701, 0.4350, 0.4738** is the 20% darker color. If you saturate the color by 10%, you get **19.8316, 0.4215, 0.4524**, and if you desaturate by 10%, it is **21.5643, 0.3890, 0.4204**.

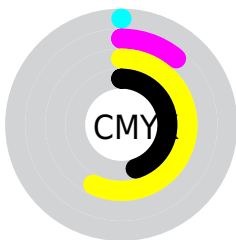
Distribution



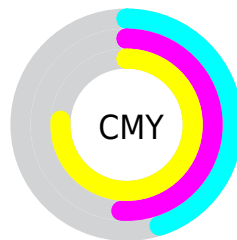
- Red (55%)
- Green (49%)
- Blue (24%)



- Red (32%)
- Yellow (55%)
- Blue (24%)



- Cyan (0%)
- Magenta (11%)
- Yellow (57%)
- Black (45%)




- Cyan (45%)
- Magenta (51%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 20.6669, 0.4058, 0.4377 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 20.6669, 0.4058, 0.4377 by changing the saturation by 10% instead.


 20.6669, 0.4058,
0.4377


 20.6669, 0.4058,
0.4377


 255.5029, 0.3552,
0.3778


 12.8807, 0.4188,
0.4536


 44.5325, 0.3868,
0.4149


 7.3465, 0.4347,
0.4737


 61.3807, 0.3798,
0.4066


 3.6797, 0.4657,
0.5122

 82.0184, 0.3740,
0.3997

 1.4961, 0.4723,
0.5277

 106.8300, 0.3691,
0.3939

 0.2860, 0.4260,
0.5740

 136.1998, 0.3648,
0.3890

 0.0000, 0.0000,
0.0000

 170.5124, 0.3612,

0.3847

210.1519, 0.3580,
0.3810

■ 20.6669, 0.4058,
0.4377

■ 20.6669, 0.4058,
0.4377

■ 19.8316, 0.4215,
0.4524

■ 21.5643, 0.3890,
0.4204

■ 19.0522, 0.4354,
0.4635

■ 22.5241, 0.3717,
0.4013

■ 18.3258, 0.4469,
0.4704

■ 23.5498, 0.3547,
0.3814

■ 17.6459, 0.4559,
0.4733

■ 24.6441, 0.3382,
0.3614

■ 17.4316, 0.4587,
0.4740

■ 25.8093, 0.3226,
0.3418

■ 27.0477, 0.3082,
0.3230

■ 28.3614, 0.2948,
0.3053

■ 29.7524, 0.2827,
0.2888

■ 31.2227, 0.2717,
0.2736

Harmonies

Analogous

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



20.6669, 0.4420, 0.3962



20.6669, 0.4058, 0.4377



20.6669, 0.3467, 0.4523

Triad

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



20.6669, 0.4058, 0.4377



20.6669, 0.1991, 0.2905



20.6669, 0.3341, 0.2560

Complementary

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



20.6669, 0.4058, 0.4377



8.2184, 0.2138, 0.1872

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.



20.6669, 0.2682, 0.2309



20.6669, 0.4058, 0.4377



20.6669, 0.1967, 0.2451

Square

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



20.6669, 0.4058, 0.4377



20.6669, 0.2284, 0.3576



20.6669, 0.2203, 0.2261



20.6669, 0.4002, 0.2965

Rectangle

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



20.6669, 0.4058, 0.4377



20.6669, 0.3029, 0.4377



20.6669, 0.2203, 0.2261



20.6669, 0.3110, 0.2456

Sweetspot

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



20.6679, 0.4058, 0.4377



44.0070, 0.3392, 0.3626



9.5330, 0.4422, 0.3013



9.7525, 0.3419, 0.3660



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



20.6679, 0.4058, 0.4377



35.1253, 0.4255, 0.4558



23.1701, 0.3626, 0.4746



6.1048, 0.3263, 0.3465



15.9149, 0.4585, 0.4741



0.1822, 0.4371, 0.4911

Inverse Universe

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



8.2184, 0.2138, 0.1872



10.6629, 0.1917, 0.1509



7.1878, 0.2352, 0.1654



5.4188, 0.2990, 0.3109



2.5385, 0.1564, 0.0831



0.0500, 0.1748, 0.1493

Previews

White Background



This preview shows how the Yxy color 20.6669, 0.4058, 0.4377 looks on a white background.

Color Contrast Check

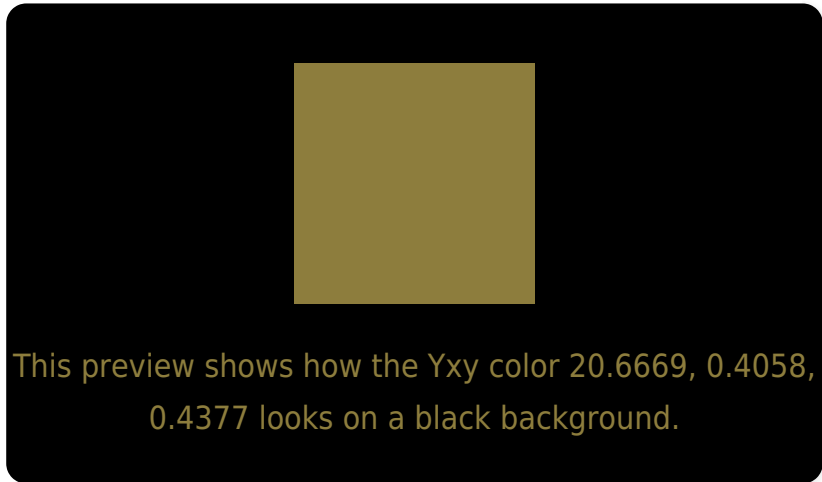
Large Text (above 18pt) WCAG AA ✓ Pass

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

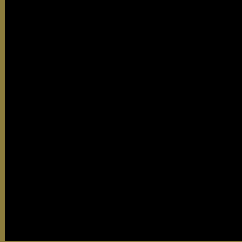
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 20.6669, 0.4058, 0.4377

Background



This preview shows how black text looks on a background with the Yxy color 20.6669, 0.4058, 0.4377.



This preview shows how white text looks on a background with the Yxy color 20.6669, 0.4058, 0.4377.

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

20.6669, 0.4058, 0.4377

Protanopia

20.7476, 0.4022, 0.4403

Deuteranopia

20.7493, 0.4280, 0.4209



Tritanopia

20.6922, 0.3389, 0.3139

Trichromacy



Original Color

20.6669, 0.4058, 0.4377

Protanomaly

20.8341, 0.4035, 0.4397

Deuteranomaly

20.7509, 0.4195, 0.4266

Tritanomaly

20.6738, 0.3655, 0.3605

Monochromacy



Original Color

20.6669, 0.4058, 0.4377

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.7531, 0.3473, 0.3721

CSS Examples

Text

The CSS property to change the color of the text to Yxy 20.6669, 0.4058, 0.4377 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(141, 125, 61)` looks like.

```
.text, #text, p{  
    color:rgb(141, 125, 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(141, 125, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 125, 61) }
```

Border

The CSS property to change the border of an element to Yxy 20.6669, 0.4058, 0.4377 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(141, 125, 61) }
```

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

```
.border{ border-color:rgb(141, 125, 61) }
```

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

Here you see how a box with a 4 pixel rgb(141, 125, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 125, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 125, 61);  
box-shadow:4px 4px 4px 4px rgb(141, 125,  
61) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 20.6669, 0.4058, 0.4377$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 125, 61) }
```

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

```
.background{ background-color: rgb(141,  
125, 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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