

Converting Colors

$Y_{xy}(21.4022, 0.4317, 0.3638)$

Have a look what the booklet for
Yxy(21.4022, 0.4317, 0.3638)
contains.

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Color

Yxy(21.3036, 0.4321, 0.3632)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B06F58 |
| RGB | 176, 111, 88 |
| RGB Percent | 69%, 44%, 35% |
| CMY | 0.3099, 0.5646, 0.6549 |
| CMYK | 0.00, 0.37, 0.50, 0.31 |
| HSL | 16°, 36%, 52% |
| HSV | 16°, 50%, 69% |
| XYZ | 25.3449, 21.3036, 12.0067 |
| YIQ | 127.8130, 46.1230, 6.6270 |

Conversions

Conversions Part 2

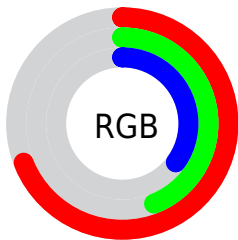
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 176, 119, 88 |
| Decimal | 11562840 |
| CIE _{Lab} | 53.28, 23.20, 23.54 |
| CIE _{LCh} | 53, 33.055, 45.413 |
| Yxy | 21.3036, 0.4321, 0.3632 |
| Android (android.graphics.Color) | 4289752920 (0xFFB06F58) |
| YUV | 127.8130, -19.6278, 42.2600 |
| Hunter-Lab | 46.1558, 17.2447, 16.8857 |

Details

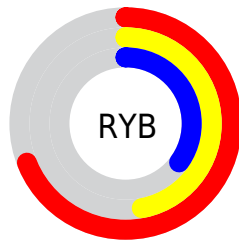
The Yxy color **21.3036, 0.4321, 0.3632** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.9701, 0.2410, 0.2900**, and the grayscale version is **21.5762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.5218, 0.4056, 0.3577**, and **7.6055, 0.4792, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **18.4150, 0.4679, 0.3684**, and if you desaturate by 10%, it is **24.6770, 0.4001, 0.3566**.

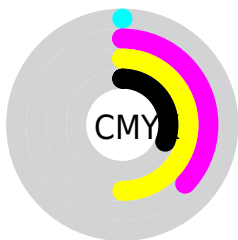
Distribution



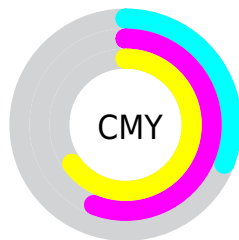
- Red (69%)
- Green (44%)
- Blue (35%)



- Red (69%)
- Yellow (47%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (50%)
- Black (31%)





- Cyan (31%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.3036, 0.4321, 0.3632 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 21.3036, 0.4321, 0.3632 by changing the saturation by 10% instead.


 21.3036, 0.4321,
0.3632


 21.3036, 0.4321,
0.3632


258.8876, 0.3643,
0.3469


 13.3461, 0.4519,
0.3663


 45.5923, 0.4054,
0.3578

 7.6673, 0.4789,
0.3692


 62.6922, 0.3960,
0.3556

 3.8828, 0.5176,
0.3704

 83.6085, 0.3883,
0.3537

 1.6082, 0.6120,
0.3880

 108.7254, 0.3819,
0.3520

 0.3631, 0.7156,
0.2844

 138.4273, 0.3765,
0.3505

 0.0000, 0.0000,
0.0000

173.0988, 0.3719,

0.3492

213.1240, 0.3678,
0.3480

■ 21.3036, 0.4321,
0.3632

■ 21.3036, 0.4321,
0.3632

■ 18.4150, 0.4679,
0.3684

■ 24.6770, 0.4001,
0.3566

■ 15.9852, 0.5061,
0.3713

■ 28.5534, 0.3725,
0.3495

■ 13.9903, 0.5438,
0.3707


■ 32.9538, 0.3490,
0.3424


■ 12.4030, 0.5774,
0.3660

■ 37.8970, 0.3293,
0.3355


■ 11.1860, 0.6045,
0.3582


■ 43.4009, 0.3127,
0.3290

 11.1855, 0.6045,
0.3582

 49.4826, 0.2988,
0.3230

 56.1584, 0.2872,
0.3176

 63.4440, 0.2773,
0.3126

 71.3546, 0.2690,
0.3080

Harmonies

Analogous

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



21.3036, 0.4085, 0.3170



21.3036, 0.4321, 0.3632



21.3036, 0.4197, 0.4066

Triad

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



21.3036, 0.4321, 0.3632



21.3036, 0.2650, 0.3917



21.3036, 0.2439, 0.2353

Complementary

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



21.3036, 0.4321, 0.3632



27.9701, 0.2410, 0.2900

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.



21.3036, 0.2134, 0.2444



21.3036, 0.4321, 0.3632



21.3036, 0.2240, 0.3306

Square

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



21.3036, 0.4321, 0.3632



21.3036, 0.3213, 0.4324



21.3036, 0.2064, 0.2767



21.3036, 0.2948, 0.2470

Rectangle

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



21.3036, 0.4321, 0.3632



21.3036, 0.3944, 0.4283



21.3036, 0.2064, 0.2767



21.3036, 0.2313, 0.2359

Sweetspot

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



21.3047, 0.4321, 0.3632



63.9108, 0.3392, 0.3391



18.5369, 0.3469, 0.2363



13.4569, 0.3434, 0.3405



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



21.3047, 0.4321, 0.3632



32.9079, 0.4718, 0.3689



33.0338, 0.3991, 0.4224



8.8551, 0.3281, 0.3350



8.2934, 0.6027, 0.3597



0.3580, 0.5475, 0.4035

Inverse Universe

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



27.9701, 0.2410, 0.2900



46.2909, 0.2282, 0.2797



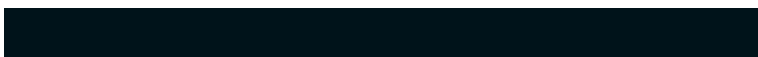
16.3566, 0.2261, 0.2122



9.2475, 0.2986, 0.3229



14.0987, 0.2009, 0.2431



0.5322, 0.2083, 0.2698

Previews

White Background



This preview shows how the Yxy color 21.3036, 0.4321, 0.3632 looks on a white background.

Color Contrast Check

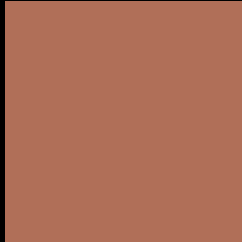
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.3036, 0.4321, 0.3632 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 21.3036, 0.4321, 0.3632

Background



This preview shows how black text looks on a background with the Yxy color 21.3036, 0.4321, 0.3632.



This preview shows how white text looks on a background with the Yxy color 21.3036, 0.4321, 0.3632.

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

21.3036, 0.4321, 0.3632

Protanopia

21.5829, 0.3614, 0.3881

Deuteranopia

21.3633, 0.3965, 0.3890



Tritanopia

21.2182, 0.3997, 0.3175

Trichromacy



Original Color

21.3036, 0.4321, 0.3632

Protanomaly

21.2711, 0.3866, 0.3797

Deuteranomaly

21.2221, 0.4087, 0.3788

Tritanomaly

21.0922, 0.4121, 0.3337

Monochromacy



Original Color

21.3036, 0.4321, 0.3632

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

21.1311, 0.3526, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.3036, 0.4321, 0.3632 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(176, 111, 88)` looks like.

```
.text, #text, p{  
    color:rgb(176, 111, 88)  
}
```

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(176, 111, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 111, 88) }
```

Border

The CSS property to change the border of an element to Yxy 21.3036, 0.4321, 0.3632 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(176, 111, 88) }
```

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

```
.border{ border-color:rgb(176, 111, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 111, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 111, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 111, 88);  
box-shadow:4px 4px 4px 4px rgb(176, 111,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 21.3036, 0.4321, 0.3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 111, 88) }
```

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

```
.background{ background-color: rgb(176,  
111, 88) }
```

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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