

Converting Colors

$Y_{xy}(22.1441, 0.4280, 0.3586)$

Have a look what the booklet for
Yxy(22.1441, 0.4280, 0.3586)
contains.

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Color

Yxy(22.1843, 0.4277, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	B3715D
RGB	179, 113, 93
RGB Percent	70%, 44%, 36%
CMY	0.2980, 0.5569, 0.6353
CMYK	0.00, 0.37, 0.48, 0.30
HSL	14°, 36%, 53%
HSV	14°, 48%, 70%
XYZ	26.4738, 22.1843, 13.2400
YIQ	130.4540, 45.7560, 7.7720

Conversions

Conversions Part 2

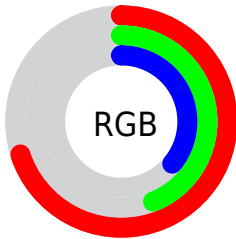
Format	Color
R _Y B	179, 119, 93
Decimal	11759965
CIE Lab	54.22, 23.85, 21.99
CIE LCh	54, 32.442, 42.669
Yxy	22.1843, 0.4277, 0.3584
Android (android.graphics.Color)	4289950045 (0xFFB3715D)
YUV	130.4540, -18.4648, 42.5748
Hunter-Lab	47.1002, 17.9050, 16.3035

Details

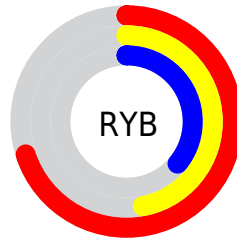
The Yxy color **22.1843, 0.4277, 0.3584** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.3816, 0.2441, 0.2960**, and the grayscale version is **22.5474, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.8980, 0.4027, 0.3540**, and **8.0830, 0.4717, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **19.0677, 0.4640, 0.3633**, and if you desaturate by 10%, it is **25.8415, 0.3957, 0.3524**.

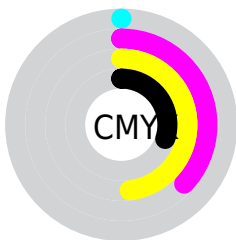
Distribution



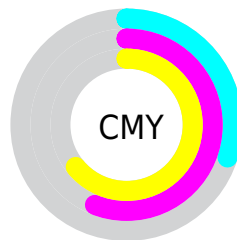
- Red (70%)
- Green (44%)
- Blue (36%)



- Red (70%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (37%)
- Yellow (48%)
- Black (30%)





- Cyan (30%)
- Magenta (56%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.1843, 0.4277, 0.3584 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 22.1843, 0.4277, 0.3584 by changing the saturation by 10% instead.


 22.1843, 0.4277,
0.3584


 22.1843, 0.4277,
0.3584


263.5072, 0.3627,
0.3447


 13.9924, 0.4466,
0.3609


 47.0504, 0.4021,
0.3539

 8.1154, 0.4725,
0.3633


 64.4934, 0.3931,
0.3520

 4.1689, 0.5095,
0.3642

 85.7889, 0.3858,
0.3504

 1.7685, 0.5886,
0.3739

 111.3212, 0.3796,
0.3490

 0.4674, 0.6900,
0.3100

141.4748, 0.3744,
0.3477

 0.0000, 0.0000,
0.0000

176.6341, 0.3700,

0.3466

217.1834, 0.3661,
0.3456

■ 22.1843, 0.4277,
0.3584

■ 22.1843, 0.4277,
0.3584

■ 19.0677, 0.4640,
0.3633

■ 25.8415, 0.3957,
0.3524

■ 16.4622, 0.5032,
0.3661

■ 30.0601, 0.3683,
0.3461

■ 14.3407, 0.5426,
0.3658


■ 34.8639, 0.3452,
0.3397

■ 12.6718, 0.5781,
0.3618

■ 40.2745, 0.3259,
0.3336

■ 11.4175, 0.6060,
0.3544


■ 46.3122, 0.3098,
0.3279

 11.2157, 0.6110,
0.3531

 52.9964, 0.2964,
0.3227

 60.3455, 0.2852,
0.3179

 68.3775, 0.2758,
0.3136

 77.1094, 0.2678,
0.3097

Harmonies

Analogous

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



22.1843, 0.4017, 0.3136



22.1843, 0.4277, 0.3584



22.1843, 0.4189, 0.4011

Triad

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



22.1843, 0.4277, 0.3584



22.1843, 0.2711, 0.3943



22.1843, 0.2424, 0.2378

Complementary

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



22.1843, 0.4277, 0.3584



30.3816, 0.2441, 0.2960

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.



22.1843, 0.2146, 0.2488



22.1843, 0.4277, 0.3584



22.1843, 0.2294, 0.3362

Square

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



22.1843, 0.4277, 0.3584



22.1843, 0.3265, 0.4307



22.1843, 0.2099, 0.2825



22.1843, 0.2903, 0.2475

Rectangle

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



22.1843, 0.4277, 0.3584



22.1843, 0.3961, 0.4230



22.1843, 0.2099, 0.2825



22.1843, 0.2307, 0.2391

Sweetspot

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



22.1854, 0.4277, 0.3584



65.9969, 0.3374, 0.3373



19.9639, 0.3414, 0.2359



14.1746, 0.3417, 0.3387



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



22.1854, 0.4277, 0.3584



33.6738, 0.4675, 0.3636



33.6997, 0.3975, 0.4156



8.8154, 0.3281, 0.3344



8.0090, 0.6090, 0.3546



0.3418, 0.5553, 0.3973

Inverse Universe

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



30.3816, 0.2441, 0.2960



50.0522, 0.2316, 0.2871



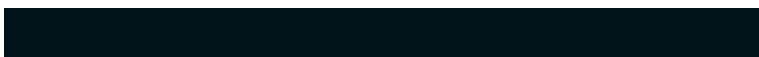
18.3896, 0.2306, 0.2225



9.2898, 0.2986, 0.3236



15.1199, 0.2037, 0.2533



0.5576, 0.2102, 0.2768

Previews

White Background



This preview shows how the Yxy color 22.1843, 0.4277, 0.3584 looks on a white background.

Color Contrast Check

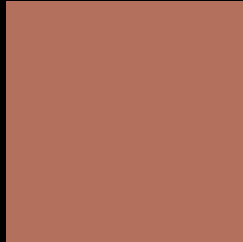
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.1843, 0.4277, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

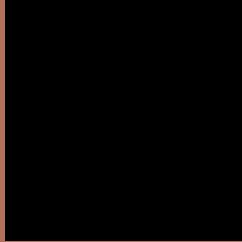
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.1843, 0.4277, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 22.1843, 0.4277, 0.3584.



This preview shows how white text looks on a background with the Yxy color 22.1843, 0.4277, 0.3584.

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

22.1843, 0.4277, 0.3584

Protanopia

22.3743, 0.3573, 0.3820

Deuteranopia

22.3911, 0.3910, 0.3850



Tritanopia

22.2836, 0.3977, 0.3176

Trichromacy



Original Color

22.1843, 0.4277, 0.3584

Protanomaly

22.1484, 0.3831, 0.3739

Deuteranomaly

22.3400, 0.4041, 0.3749

Tritanomaly

22.1763, 0.4085, 0.3322

Monochromacy



Original Color

22.1843, 0.4277, 0.3584

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.9956, 0.3508, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.1843, 0.4277, 0.3584 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(179, 113, 93)` looks like.

```
.text, #text, p{  
    color:rgb(179, 113, 93)  
}
```

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(179, 113, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 113, 93) }
```

Border

The CSS property to change the border of an element to Yxy 22.1843, 0.4277, 0.3584 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(179, 113, 93) }
```

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

```
.border{ border-color:rgb(179, 113, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 113, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 113, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 113, 93);  
box-shadow:4px 4px 4px 4px rgb(179, 113,  
93) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 22.1843, 0.4277, 0.3584$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 113, 93) }
```

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

```
.background{ background-color: rgb(179,  
113, 93) }
```

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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