

Converting Colors

$Y_{xy}(22.2523, 0.4259, 0.3543)$

Have a look what the booklet for
Yxy(22.2523, 0.4259, 0.3543)
contains.

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Color

Yxy(22.3398, 0.4262, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	B4715F
RGB	180, 113, 95
RGB Percent	71%, 44%, 37%
CMY	0.2942, 0.5568, 0.6274
CMYK	0.00, 0.37, 0.47, 0.29
HSL	13°, 36%, 54%
HSV	13°, 47%, 71%
XYZ	26.7902, 22.3398, 13.7282
YIQ	130.9810, 45.7100, 8.6060

Conversions

Conversions Part 2

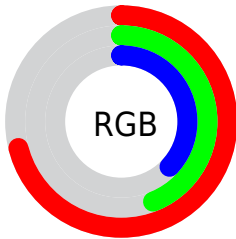
Format	Color
R_{YB}	180, 118, 95
Decimal	11825503
CIE _{Lab}	54.39, 24.44, 21.07
CIE _{LCh}	54, 32.269, 40.757
Yxy	22.3398, 0.4262, 0.3554
Android (android.graphics.Color)	4290015583 (0xFFB4715F)
YUV	130.9810, -17.7386, 42.9897
Hunter-Lab	47.2650, 18.4614, 15.8646

Details

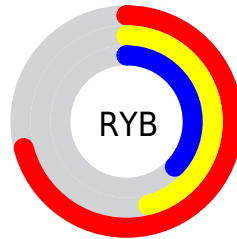
The Yxy color **22.3398, 0.4262, 0.3554** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.5598, 0.2456, 0.2996**, and the grayscale version is **22.7431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.1627, 0.4007, 0.3506**, and **8.1736, 0.4694, 0.3586** is the 20% darker color. If you saturate the color by 10%, you get **19.1286, 0.4629, 0.3599**, and if you desaturate by 10%, it is **26.1236, 0.3940, 0.3499**.

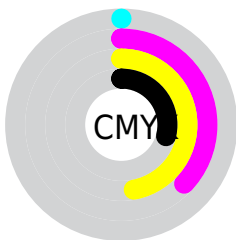
Distribution



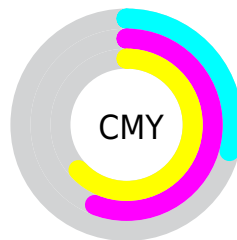
- Red (71%)
- Green (44%)
- Blue (37%)



- Red (71%)
- Yellow (46%)
- Blue (37%)



- Cyan (0%)
- Magenta (37%)
- Yellow (47%)
- Black (29%)





- Cyan (29%)
- Magenta (56%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.3398, 0.4262, 0.3554 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 22.3398, 0.4262, 0.3554 by changing the saturation by 10% instead.


 22.3398, 0.4262,
0.3554


 22.3398, 0.4262,
0.3554


264.3157, 0.3621,
0.3432


 14.1068, 0.4449,
0.3576


 47.3070, 0.4010,
0.3515


 8.1950, 0.4705,
0.3594


 64.8099, 0.3921,
0.3498

 4.2200, 0.5073,
0.3598

 86.1717, 0.3848,
0.3484

 1.7974, 0.5810,
0.3658

 111.7766, 0.3788,
0.3471

 0.4855, 0.6893,
0.3107

142.0090, 0.3736,
0.3460

 0.0000, 1.0000,
0.0000


177.2534, 0.3692,


 0.0000, 0.0000,

0.3450


0.0000

217.8942, 0.3654,
0.3441

 22.3398, 0.4262,
0.3554


 22.3398, 0.4262,
0.3554


 19.1286, 0.4629,
0.3599


 26.1236, 0.3940,
0.3499


 16.4583, 0.5028,
0.3625

 30.5028, 0.3666,
0.3441


 14.2996, 0.5432,
0.3623

 35.5030, 0.3436,
0.3383


 12.6183, 0.5797,
0.3586


 41.1475, 0.3245,
0.3328


 11.3746, 0.6082,
0.3516


 47.4581, 0.3086,
0.3276

 11.0962, 0.6151,
0.3498

 54.4557, 0.2954,
0.3229

 62.1605, 0.2844,
0.3186

 70.5914, 0.2751,
0.3147

 79.6380, 0.2683,
0.3132

Harmonies

Analogous

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



22.3398, 0.3983, 0.3110



22.3398, 0.4262, 0.3554



22.3398, 0.4197, 0.3982

Triad

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



22.3398, 0.4262, 0.3554



22.3398, 0.2747, 0.3970



22.3398, 0.2405, 0.2385

Complementary

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



22.3398, 0.4262, 0.3554



31.5598, 0.2456, 0.2996

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.



22.3398, 0.2142, 0.2509



22.3398, 0.4262, 0.3554



22.3398, 0.2320, 0.3399

Square

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



22.3398, 0.4262, 0.3554



22.3398, 0.3301, 0.4310



22.3398, 0.2111, 0.2858



22.3398, 0.2870, 0.2469

Rectangle

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



22.3398, 0.4262, 0.3554



22.3398, 0.3981, 0.4207



22.3398, 0.2111, 0.2858



22.3398, 0.2293, 0.2402

Sweetspot

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



22.3409, 0.4262, 0.3554



67.3085, 0.3375, 0.3366



20.5308, 0.3389, 0.2357



14.0938, 0.3418, 0.3378



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.



22.3409, 0.4262, 0.3554



34.2884, 0.4659, 0.3602



33.8005, 0.3968, 0.4124



8.7875, 0.3282, 0.3339



7.8282, 0.6132, 0.3513



0.3304, 0.5610, 0.3927

Inverse Universe

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



31.5598, 0.2456, 0.2996



53.0044, 0.2335, 0.2917



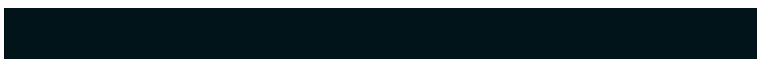
19.2814, 0.2325, 0.2272



9.3198, 0.2986, 0.3241



15.8725, 0.2057, 0.2604



0.5761, 0.2116, 0.2816

Previews

White Background



This preview shows how the Yxy color 22.3398, 0.4262, 0.3554 looks on a white background.

Color Contrast Check

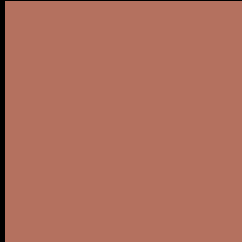
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.3398, 0.4262, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

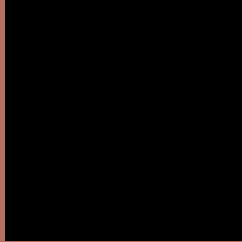
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3398, 0.4262, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 22.3398, 0.4262, 0.3554.



This preview shows how white text looks on a background with the Yxy color 22.3398, 0.4262, 0.3554.

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

22.3398, 0.4262, 0.3554

Protanopia

22.4335, 0.3539, 0.3766

Deuteranopia

22.4261, 0.3886, 0.3818



Tritanopia

22.4050, 0.3990, 0.3177

Trichromacy



Original Color

22.3398, 0.4262, 0.3554

Protanomaly

22.2054, 0.3794, 0.3690

Deuteranomaly

22.3754, 0.4016, 0.3718

Tritanomaly

22.3184, 0.4083, 0.3307

Monochromacy



Original Color

22.3398, 0.4262, 0.3554

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

22.1129, 0.3509, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3398, 0.4262, 0.3554 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(180, 113, 95)` looks like.

```
.text, #text, p{  
    color:rgb(180, 113, 95)  
}
```

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(180, 113, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 113, 95) }
```

Border

The CSS property to change the border of an element to Yxy 22.3398, 0.4262, 0.3554 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(180, 113, 95) }
```

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

```
.border{ border-color:rgb(180, 113, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 113, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 113, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 113, 95);  
box-shadow:4px 4px 4px 4px rgb(180, 113,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3398, 0.4262, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 113, 95) }
```

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

```
.background{ background-color: rgb(180,  
113, 95) }
```

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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