

Converting Colors

$Y_{xy}(23.4143, 0.4464, 0.3763)$

Have a look what the booklet for
Yxy(23.4143, 0.4464, 0.3763)
contains.

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Color

Yxy(23.4143, 0.4464, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	B97452
RGB	185, 116, 82
RGB Percent	73%, 45%, 32%
CMY	0.2745, 0.5451, 0.6785
CMYK	0.00, 0.37, 0.56, 0.27
HSL	20°, 42%, 52%
HSV	20°, 56%, 73%
XYZ	27.7761, 23.4143, 11.0320
YIQ	132.7550, 52.0380, 4.0540

Conversions

Conversions Part 2

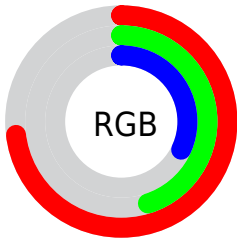
Format	Color
R _Y B	185, 133, 82
Decimal	12153938
CIE Lab	55.50, 23.63, 30.03
CIE LCh	55, 38.213, 51.804
Yxy	23.4143, 0.4464, 0.3763
Android (android.graphics.Color)	4290344018 (0xFFB97452)
YUV	132.7550, -25.0222, 45.8189
Hunter-Lab	48.3883, 17.7838, 20.3543

Details

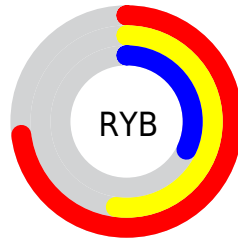
The Yxy color **23.4143, 0.4464, 0.3763** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **27.4197, 0.2314, 0.2723**, and the grayscale version is **23.4401, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.2750, 0.4174, 0.3695**, and **8.7309, 0.4942, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **20.5024, 0.4810, 0.3818**, and if you desaturate by 10%, it is **26.7855, 0.4144, 0.3687**.

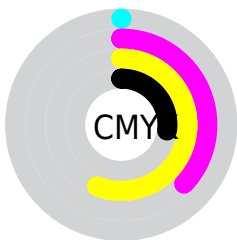
Distribution



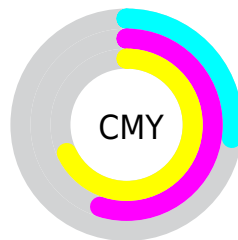
- Red (73%)
- Green (45%)
- Blue (32%)



- Red (73%)
- Yellow (52%)
- Blue (32%)



- Cyan (0%)
- Magenta (37%)
- Yellow (56%)
- Black (27%)





- Cyan (27%)
- Magenta (55%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.4143, 0.4464, 0.3763 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 23.4143, 0.4464, 0.3763 by changing the saturation by 10% instead.


 23.4143, 0.4464,
0.3763


 23.4143, 0.4464,
0.3763


269.8458, 0.3721,
0.3541

 14.8997, 0.4671,
0.3804


 49.0727, 0.4177,
0.3691


 8.7490, 0.4946,
0.3842


 66.9853, 0.4074,
0.3660


 4.5779, 0.5321,
0.3858

 88.7994, 0.3989,
0.3634

 2.0018, 0.6060,
0.3940

 114.8994, 0.3918,
0.3611

 0.6085, 0.6627,
0.3373

 145.6696, 0.3857,
0.3590

 0.0000, 1.0000,
0.0000

181.4945, 0.3805,

 0.0000, 0.0000,

0.3572

0.0000

222.7585, 0.3760,
0.3556

■ 23.4143, 0.4464,
0.3763

■ 23.4143, 0.4464,
0.3763

■ 20.5024, 0.4810,
0.3818

■ 26.7855, 0.4144,
0.3687

■ 18.0249, 0.5164,
0.3839

■ 30.6322, 0.3858,
0.3600

■ 15.9599, 0.5496,
0.3816

■ 34.9739, 0.3610,
0.3510

■ 14.2812, 0.5776,
0.3745

■ 39.8281, 0.3398,
0.3421

■ 13.6641, 0.5885,
0.3709

■ 45.2113, 0.3217,
0.3336

■ 51.1393, 0.3064,
0.3257

■ 57.6272, 0.2935,
0.3184

■ 64.6894, 0.2824,
0.3117

■ 72.3399, 0.2730,
0.3056

Harmonies

Analogous

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



23.4143, 0.4290, 0.3255



23.4143, 0.4464, 0.3763



23.4143, 0.4237, 0.4229

Triad

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



23.4143, 0.4464, 0.3763



23.4143, 0.2475, 0.3857



23.4143, 0.2465, 0.2266

Complementary

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



23.4143, 0.4464, 0.3763



27.4197, 0.2314, 0.2723

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.



23.4143, 0.2080, 0.2309



23.4143, 0.4464, 0.3763



23.4143, 0.2078, 0.3156

Square

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



23.4143, 0.4464, 0.3763



23.4143, 0.3073, 0.4398



23.4143, 0.1947, 0.2603



23.4143, 0.3065, 0.2440

Rectangle

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



23.4143, 0.4464, 0.3763



23.4143, 0.3914, 0.4448



23.4143, 0.1947, 0.2603



23.4143, 0.2310, 0.2254

Sweetspot

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



23.4155, 0.4464, 0.3763



69.8867, 0.3429, 0.3435



18.6246, 0.3622, 0.2349



14.6846, 0.3470, 0.3452



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



23.4155, 0.4464, 0.3763



35.5816, 0.4895, 0.3827



38.2383, 0.4048, 0.4399



9.4839, 0.3280, 0.3366



9.4241, 0.5863, 0.3727



0.4487, 0.5351, 0.4134

Inverse Universe

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



27.4197, 0.2314, 0.2723



43.3334, 0.2172, 0.2570



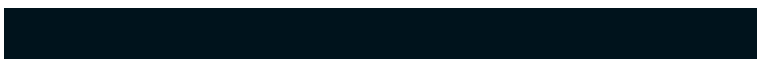
14.5758, 0.2129, 0.1839



9.6971, 0.2985, 0.3213



12.3200, 0.1941, 0.2188



0.5426, 0.2029, 0.2506

Previews

White Background



This preview shows how the Yxy color 23.4143, 0.4464, 0.3763 looks on a white background.

Color Contrast Check

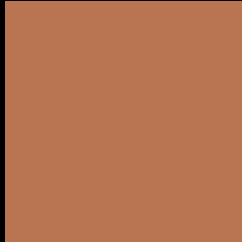
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4143, 0.4464, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

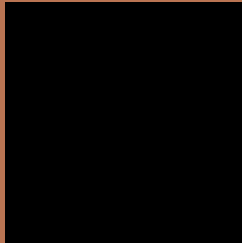
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.4143, 0.4464, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 23.4143, 0.4464, 0.3763.



This preview shows how white text looks on a background with the Yxy color 23.4143, 0.4464, 0.3763.

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

23.4143, 0.4464, 0.3763

Protanopia

23.5161, 0.3756, 0.4039

Deuteranopia

23.4393, 0.4111, 0.4025



Tritanopia

23.3922, 0.4046, 0.3181

Trichromacy



Original Color

23.4143, 0.4464, 0.3763

Protanomaly

23.3242, 0.4018, 0.3944

Deuteranomaly

23.3060, 0.4233, 0.3923

Tritanomaly

23.4157, 0.4200, 0.3391

Monochromacy



Original Color

23.4143, 0.4464, 0.3763

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.0690, 0.3584, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.4143, 0.4464, 0.3763 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(185, 116, 82)` looks like.

```
.text, #text, p{  
    color:rgb(185, 116, 82)  
}
```

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(185, 116, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 116, 82) }
```

Border

The CSS property to change the border of an element to Yxy 23.4143, 0.4464, 0.3763 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(185, 116, 82) }
```

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

```
.border{ border-color:rgb(185, 116, 82) }
```

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

Here you see how a box with a 4 pixel rgb(185, 116, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 116, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 116, 82);  
box-shadow:4px 4px 4px 4px rgb(185, 116,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 23.4143, 0.4464, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 116, 82) }
```

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

```
.background{ background-color: rgb(185,  
116, 82) }
```

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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