

Converting Colors

$Y_{xy}(23.9977, 0.4343, 0.3582)$

Have a look what the booklet for
Yxy(23.9977, 0.4343, 0.3582)
contains.

Yxy(24.0084, 0.4337, 0.3584)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(24.0084, 0.4337, 0.3584)

Conversions

Conversions Part 1

Format	Color
Hex	BC745F
RGB	188, 116, 95
RGB Percent	74%, 45%, 37%
CMY	0.2627, 0.5451, 0.6275
CMYK	0.00, 0.38, 0.49, 0.26
HSL	14°, 41%, 55%
HSV	14°, 49%, 74%
XYZ	29.0526, 24.0084, 13.9267
YIQ	135.1340, 49.6530, 8.7330

Conversions

Conversions Part 2

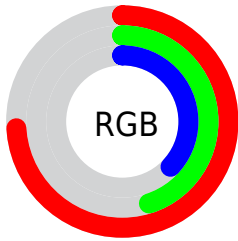
Format	Color
RYB	188, 122, 95
Decimal	12350559
CIELab	56.10, 26.05, 23.53
CIELCh	56, 35.108, 42.095
Yxy	24.0084, 0.4337, 0.3584
Android (android.graphics.Color)	4290540639 (0xFFBC745F)
YUV	135.1340, -19.7861, 46.3635
Hunter-Lab	48.9984, 20.0908, 17.4469

Details

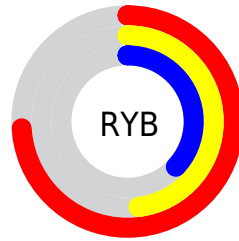
The Yxy color **24.0084, 0.4337, 0.3584** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **33.7046, 0.2423, 0.2958**, and the grayscale version is **24.3423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.2254, 0.4071, 0.3542**, and **9.0530, 0.4785, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **20.6112, 0.4709, 0.3629**, and if you desaturate by 10%, it is **28.0164, 0.4007, 0.3527**.

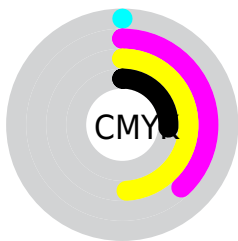
Distribution



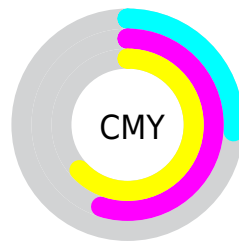
- Red (74%)
- Green (45%)
- Blue (37%)



- Red (74%)
- Yellow (48%)
- Blue (37%)



- Cyan (0%)
- Magenta (38%)
- Yellow (49%)
- Black (26%)





- Cyan (26%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0084, 0.4337, 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 24.0084, 0.4337, 0.3584 by changing the saturation by 10% instead.


 24.0084, 0.4337,
0.3584


 24.0084, 0.4337,
0.3584


272.8629, 0.3662,
0.3452


 15.3399, 0.4529,
0.3606


 50.0439, 0.4074,
0.3542

 9.0582, 0.4789,
0.3625


 68.1797, 0.3981,
0.3524

 4.7792, 0.5155,
0.3627

 90.2399, 0.3904,
0.3509

 2.1183, 0.5833,
0.3658

 116.6091, 0.3839,
0.3494

 0.6749, 0.6678,
0.3322

147.6716, 0.3785,
0.3482

 0.0000, 1.0000,
0.0000

183.8118, 0.3738,

 0.0000, 0.0000,

0.3471

0.0000

225.4141, 0.3697,
0.3461

■ 24.0084, 0.4337,
0.3584

■ 24.0084, 0.4337,
0.3584

■ 20.6112, 0.4709,
0.3629

■ 28.0164, 0.4007,
0.3527

■ 17.7906, 0.5108,
0.3651

■ 32.6598, 0.3723,
0.3465

■ 15.5146, 0.5503,
0.3642


■ 37.9662, 0.3484,
0.3403


■ 13.7465, 0.5849,
0.3595

■ 43.9605, 0.3285,
0.3343


■ 12.4392, 0.6116,
0.3519

■ 50.6665, 0.3119,
0.3287

 12.3820, 0.6129,
0.3515

 58.1066, 0.2981,
0.3236

 66.3022, 0.2866,
0.3189

 75.2741, 0.2769,
0.3146

 84.4348, 0.2733,
0.3203

Harmonies

Analogous

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



24.0084, 0.4057, 0.3117



24.0084, 0.4337, 0.3584



24.0084, 0.4248, 0.4034

Triad

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



24.0084, 0.4337, 0.3584



24.0084, 0.2698, 0.3992



24.0084, 0.2381, 0.2335

Complementary

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



24.0084, 0.4337, 0.3584



33.7046, 0.2423, 0.2958

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.



24.0084, 0.2096, 0.2452



24.0084, 0.4337, 0.3584



24.0084, 0.2258, 0.3375

Square

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



24.0084, 0.4337, 0.3584



24.0084, 0.3280, 0.4370



24.0084, 0.2052, 0.2807



24.0084, 0.2879, 0.2433

Rectangle

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



24.0084, 0.4337, 0.3584



24.0084, 0.4009, 0.4271



24.0084, 0.2052, 0.2807



24.0084, 0.2260, 0.2349

Sweetspot

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



24.0096, 0.4337, 0.3584



73.2372, 0.3396, 0.3377



21.6980, 0.3426, 0.2331



15.2673, 0.3439, 0.3390



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



24.0096, 0.4337, 0.3584



37.0743, 0.4728, 0.3630



37.2400, 0.4006, 0.4182



9.8765, 0.3283, 0.3342



8.5230, 0.6109, 0.3532



0.4351, 0.5638, 0.3906

Inverse Universe

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



33.7046, 0.2423, 0.2958



56.4899, 0.2306, 0.2874



19.8233, 0.2277, 0.2183



10.4341, 0.2985, 0.3237



16.4890, 0.2043, 0.2554



0.7374, 0.2097, 0.2750

Previews

White Background



This preview shows how the Yxy color 24.0084, 0.4337, 0.3584 looks on a white background.

Color Contrast Check

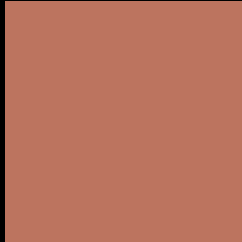
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0084, 0.4337, 0.3584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

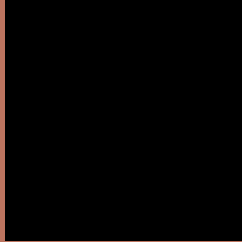
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0084, 0.4337, 0.3584

Background



This preview shows how black text looks on a background with the Yxy color 24.0084, 0.4337, 0.3584.



This preview shows how white text looks on a background with the Yxy color 24.0084, 0.4337, 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

24.0084, 0.4337, 0.3584

Protanopia

24.2365, 0.3580, 0.3837

Deuteranopia

24.0679, 0.3936, 0.3863



Tritanopia

23.9160, 0.4037, 0.3168

Trichromacy



Original Color

24.0084, 0.4337, 0.3584

Protanomaly

23.8320, 0.3848, 0.3741

Deuteranomaly

23.8814, 0.4083, 0.3747

Tritanomaly

23.7989, 0.4143, 0.3307

Monochromacy



Original Color

24.0084, 0.4337, 0.3584

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.6644, 0.3534, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0084, 0.4337, 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(188, 116, 95)` looks like.

```
.text, #text, p{  
    color:rgb(188, 116, 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(188, 116, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 116, 95) }
```

Border

The CSS property to change the border of an element to Yxy 24.0084, 0.4337, 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(188, 116, 95) }
```

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

```
.border{ border-color:rgb(188, 116, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 116, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 116, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 116, 95);  
box-shadow:4px 4px 4px 4px rgb(188, 116,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0084, 0.4337, 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(188, 116, 95) }
```

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

```
.background{ background-color: rgb(188,  
116, 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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