

Converting Colors

$Yxy(23.3307, 0.4956, 0.3855)$

Have a look what the booklet for
Yxy(23.3307, 0.4956, 0.3855)
contains.

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Color

Yxy(23.3307, 0.4956, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	C86C3C
RGB	200, 108, 60
RGB Percent	78%, 42%, 24%
CMY	0.2158, 0.5764, 0.7647
CMYK	0.00, 0.46, 0.70, 0.22
HSL	21°, 56%, 51%
HSV	21°, 70%, 78%
XYZ	29.9940, 23.3307, 7.1959
YIQ	130.0360, 70.2400, 4.5760

Conversions

Conversions Part 2

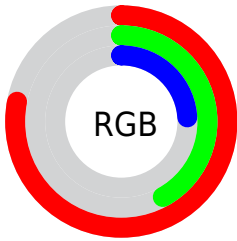
Format	Color
R_{YB}	200, 133, 60
Decimal	13134908
CIE _{Lab}	55.41, 32.60, 42.26
CIE _{LCh}	55, 53.376, 52.352
Yxy	23.3307, 0.4956, 0.3855
Android (android.graphics.Color)	4291324988 (0xFFC86C3C)
YUV	130.0360, -34.5277, 61.3584
Hunter-Lab	48.3019, 26.3149, 24.9784

Details

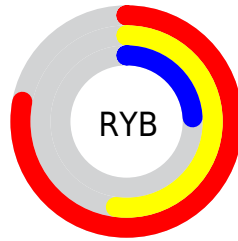
The Yxy color **23.3307, 0.4956, 0.3855** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **27.5718, 0.2141, 0.2511**, and the grayscale version is **22.4436, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.8539, 0.4528, 0.3819**, and **8.6281, 0.5538, 0.3855** is the 20% darker color. If you saturate the color by 10%, you get **20.5929, 0.5299, 0.3859**, and if you desaturate by 10%, it is **26.5685, 0.4607, 0.3811**.

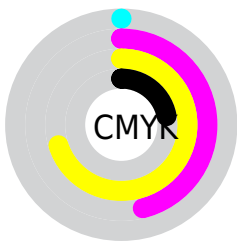
Distribution



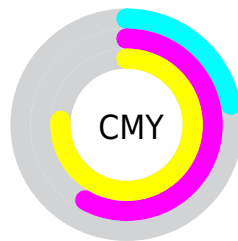
- Red (78%)
- Green (42%)
- Blue (24%)



- Red (78%)
- Yellow (52%)
- Blue (24%)



- Cyan (0%)
- Magenta (46%)
- Yellow (70%)
- Black (22%)




- Cyan (22%)
- Magenta (58%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.3307, 0.4956, 0.3855 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 23.3307, 0.4956, 0.3855 by changing the saturation by 10% instead.


 23.3307, 0.4956,
0.3855


 23.3307, 0.4956,
0.3855


269.4190, 0.3958,
0.3630


 14.8379, 0.5214,
0.3872


 48.9358, 0.4582,
0.3798


 8.7057, 0.5538,
0.3860


 66.8168, 0.4444,
0.3768

 4.5497, 0.6056,
0.3852

 88.5960, 0.4328,
0.3739

 1.9856, 0.6448,
0.3552

 114.6579, 0.4231,
0.3713

 0.5991, 0.7120,
0.2880

 145.3867, 0.4148,
0.3690

 0.0000, 1.0000,
0.0000

 181.1669, 0.4076,

 0.0000, 0.0000,

0.3668

0.0000

222.3829, 0.4013,
0.3648

■ 23.3307, 0.4956,
0.3855

■ 23.3307, 0.4956,
0.3855

■ 20.5929, 0.5299,
0.3859

■ 26.5685, 0.4607,
0.3811

■ 18.3233, 0.5608,
0.3814

■ 30.3280, 0.4277,
0.3740

■ 16.4851, 0.5861,
0.3728

■ 34.6341, 0.3977,
0.3653

■ 39.5088, 0.3714,
0.3560

■ 44.9727, 0.3486,
0.3466

■ 51.0453, 0.3292,
0.3375

■ 57.7454, 0.3127,
0.3290

■ 65.0907, 0.2987,
0.3211

■ 73.0983, 0.2868,
0.3138

Harmonies

Analogous

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



23.3307, 0.4761, 0.3206



23.3307, 0.4956, 0.3855



23.3307, 0.4585, 0.4505

Triad

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



23.3307, 0.4956, 0.3855



23.3307, 0.2203, 0.4080



23.3307, 0.2237, 0.1944

Complementary

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



23.3307, 0.4956, 0.3855



27.5718, 0.2141, 0.2511

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.



23.3307, 0.1749, 0.1973



23.3307, 0.4956, 0.3855



23.3307, 0.1713, 0.3045

Square

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



23.3307, 0.4956, 0.3855



23.3307, 0.2987, 0.4895



23.3307, 0.1573, 0.2316



23.3307, 0.3039, 0.2173

Rectangle

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



23.3307, 0.4956, 0.3855



23.3307, 0.4125, 0.4861



23.3307, 0.1573, 0.2316



23.3307, 0.2039, 0.1923

Sweetspot

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



23.3319, 0.4956, 0.3855



76.5909, 0.3514, 0.3478



17.8182, 0.3848, 0.2197



15.8121, 0.3575, 0.3504



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



23.3319, 0.4956, 0.3855



33.5178, 0.5466, 0.3842



43.9096, 0.4248, 0.4631



11.2220, 0.3281, 0.3370



10.6349, 0.5836, 0.3748



0.6387, 0.5429, 0.4071

Inverse Universe

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



27.5718, 0.2141, 0.2511



40.9448, 0.2009, 0.2311



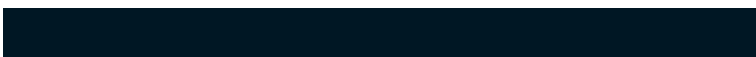
11.3657, 0.1861, 0.1373



11.4311, 0.2984, 0.3209



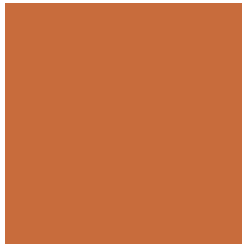
13.2110, 0.1927, 0.2138



0.7565, 0.2002, 0.2406

Previews

White Background



This preview shows how the Yxy color 23.3307, 0.4956, 0.3855 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 23.3307, 0.4956, 0.3855 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 23.3307, 0.4956, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 23.3307, 0.4956, 0.3855.



This preview shows how white text looks on a background with the Yxy color 23.3307, 0.4956, 0.3855.

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

23.3307, 0.4956, 0.3855

Protanopia

23.3955, 0.3996, 0.4356

Deuteranopia

23.4539, 0.4395, 0.4332



Tritanopia

23.3250, 0.4406, 0.3192

Trichromacy



Original Color

23.3307, 0.4956, 0.3855

Protanomaly

22.9039, 0.4347, 0.4168

Deuteranomaly

23.1933, 0.4610, 0.4142

Tritanomaly

23.2299, 0.4633, 0.3445

Monochromacy



Original Color

23.3307, 0.4956, 0.3855

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

21.9076, 0.3756, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.3307, 0.4956, 0.3855 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(200, 108, 60)` looks like.

```
.text, #text, p{  
    color:rgb(200, 108, 60)  
}
```

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(200, 108, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 108, 60) }
```

Border

The CSS property to change the border of an element to Yxy 23.3307, 0.4956, 0.3855 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(200, 108, 60) }
```

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

```
.border{ border-color:rgb(200, 108, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 108, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 108, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 108, 60);  
box-shadow:4px 4px 4px 4px rgb(200, 108,  
60) }
```


Background

The CSS property to change the background color of an element to Yxy 23.3307, 0.4956, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 108, 60) }
```

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

```
.background{ background-color: rgb(200,  
108, 60) }
```

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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