

Converting Colors

$Y_{xy}(21.9746, 0.4746, 0.3456)$

Have a look what the booklet for
Yxy(21.9746, 0.4746, 0.3456)
contains.

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Color

Yxy(22.0131, 0.4745, 0.3456)

Conversions

Conversions Part 1

Format	Color
Hex	C96356
RGB	201, 99, 86
RGB Percent	79%, 39%, 34%
CMY	0.2119, 0.6117, 0.6628
CMYK	0.00, 0.51, 0.57, 0.21
HSL	7°, 52%, 56%
HSV	7°, 57%, 79%
XYZ	30.2234, 22.0131, 11.4588
YIQ	128.0160, 64.9650, 17.5810

Conversions

Conversions Part 2

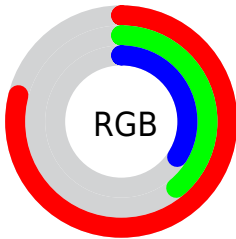
Format	Color
RYB	201, 101, 86
Decimal	13198166
CIELab	54.04, 39.38, 26.33
CIElCh	54, 47.370, 33.775
Yxy	22.0131, 0.4745, 0.3456
Android (android.graphics.Color)	4291388246 (0xFFC96356)
YUV	128.0160, -20.7139, 64.0070
Hunter-Lab	46.9181, 32.8783, 18.3623

Details

The Yxy color **22.0131, 0.4745, 0.3456** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **42.1352, 0.2376, 0.3095**, and the grayscale version is **21.6507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4940, 0.4329, 0.3460**, and **8.0179, 0.5359, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **18.7216, 0.5187, 0.3466**, and if you desaturate by 10%, it is **26.1430, 0.4338, 0.3434**.

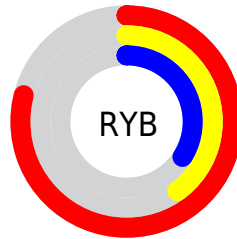
Distribution



Red (79%)

Green (39%)

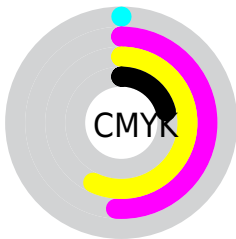
Blue (34%)



Red (79%)

Yellow (40%)

Blue (34%)

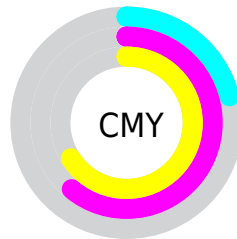


Cyan (0%)

Magenta (51%)

Yellow (57%)

Black (21%)



Cyan (21%)


Magenta (61%)


Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.0131, 0.4745, 0.3456 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 22.0131, 0.4745, 0.3456 by changing the saturation by 10% instead.


 22.0131, 0.4745,
0.3456

 22.0131, 0.4745,
0.3456


262.6147, 0.3834,
0.3415

 13.8665, 0.5004,
0.3442


 46.7676, 0.4389,
0.3456


 8.0279, 0.5352,
0.3405


 64.1444, 0.4263,
0.3451

 4.1128, 0.5833,
0.3313

 85.3667, 0.4159,
0.3445

 1.7369, 0.6782,
0.3218

 110.8189, 0.4073,
0.3439

 0.4474, 0.7717,
0.2283

 140.8854, 0.3999,
0.3432

 0.0000, 1.0000,
0.0000

175.9506, 0.3936,

 0.0000, 0.0000,

0.3426

0.0000

216.3989, 0.3881,
0.3420

■ 22.0131, 0.4745,
0.3456

■ 22.0131, 0.4745,
0.3456

■ 18.7216, 0.5187,
0.3466

■ 26.1430, 0.4338,
0.3434

■ 16.2076, 0.5625,
0.3457

■ 31.1597, 0.3985,
0.3404

■ 14.4074, 0.6000,
0.3427

■ 37.1122, 0.3689,
0.3372

■ 13.2447, 0.6257,
0.3380

■ 44.0447, 0.3446,
0.3341

■ 13.0178, 0.6312,
0.3370

■ 51.9987, 0.3247,
0.3310

■ 61.0133, 0.3085,
0.3282

■ 71.1256, 0.2953,
0.3257

■ 82.3708, 0.2845,
0.3234

■ 91.1537, 0.2810,
0.3289

Harmonies

Analogous

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



22.0131, 0.4229, 0.2876



22.0131, 0.4745, 0.3456



22.0131, 0.4727, 0.4067

Triad

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



22.0131, 0.4745, 0.3456



22.0131, 0.2718, 0.4508



22.0131, 0.1995, 0.2035

Complementary

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



22.0131, 0.4745, 0.3456



42.1352, 0.2376, 0.3095

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.



22.0131, 0.1719, 0.2244



22.0131, 0.4745, 0.3456



22.0131, 0.2077, 0.3642

Square

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



22.0131, 0.4745, 0.3456



22.0131, 0.3515, 0.4864



22.0131, 0.1740, 0.2783



22.0131, 0.2566, 0.2101

Rectangle

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



22.0131, 0.4745, 0.3456



22.0131, 0.4450, 0.4450



22.0131, 0.1740, 0.2783



22.0131, 0.1870, 0.2072

Sweetspot

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



22.0143, 0.4745, 0.3456



75.3967, 0.3446, 0.3341



22.7633, 0.3323, 0.2064



15.5906, 0.3492, 0.3347



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.



22.0143, 0.4745, 0.3456



30.7475, 0.5310, 0.3466



36.5221, 0.4265, 0.4156



10.8273, 0.3287, 0.3317



8.2566, 0.6297, 0.3382



0.4575, 0.6008, 0.3612

Inverse Universe

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



42.1352, 0.2376, 0.3095



68.3339, 0.2272, 0.3045



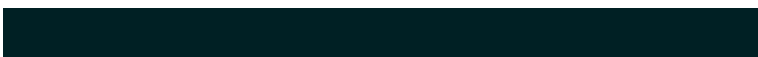
22.6927, 0.2181, 0.2187



11.8543, 0.2984, 0.3263



22.8115, 0.2148, 0.2933



1.1400, 0.2170, 0.3013

Previews

White Background



This preview shows how the Yxy color 22.0131, 0.4745, 0.3456 looks on a white background.

Color Contrast Check

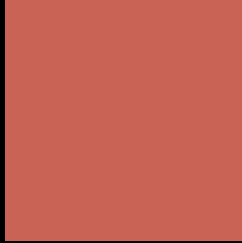
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0131, 0.4745, 0.3456 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 22.0131, 0.4745, 0.3456

Background



This preview shows how black text looks on a background with the Yxy color 22.0131, 0.4745, 0.3456.



This preview shows how white text looks on a background with the Yxy color 22.0131, 0.4745, 0.3456.

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

22.0131, 0.4745, 0.3456

Protanopia

22.3551, 0.3585, 0.3837

Deuteranopia

22.1775, 0.4061, 0.3985



Tritanopia

22.0852, 0.4529, 0.3218

Trichromacy



Original Color

22.0131, 0.4745, 0.3456

Protanomaly

21.6832, 0.4004, 0.3692

Deuteranomaly

21.7702, 0.4315, 0.3769

Tritanomaly

22.1550, 0.4610, 0.3307

Monochromacy



Original Color

22.0131, 0.4745, 0.3456

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

20.8834, 0.3676, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.0131, 0.4745, 0.3456 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(201, 99, 86)` looks like.

```
.text, #text, p{  
    color:rgb(201, 99, 86)  
}
```

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(201, 99, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 99, 86) }
```

Border

The CSS property to change the border of an element to Yxy 22.0131, 0.4745, 0.3456 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(201, 99, 86) }
```

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

```
.border{ border-color:rgb(201, 99, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 99, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 99, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 99, 86);  
box-shadow:4px 4px 4px 4px rgb(201, 99,  
86) }
```


Background

The CSS property to change the background color of an element to Yxy 22.0131, 0.4745, 0.3456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 99, 86) }
```

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

```
.background{ background-color: rgb(201, 99,  
86) }
```

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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