

Converting Colors

$Y_{xy}(22.6856, 0.4826, 0.3474)$

Have a look what the booklet for
Yxy(22.6856, 0.4826, 0.3474)
contains.

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Color

Yxy(22.6856, 0.4826, 0.3474)

Conversions

Conversions Part 1

Format	Color
Hex	CE6354
RGB	206, 99, 84
RGB Percent	81%, 39%, 33%
CMY	0.1922, 0.6117, 0.6707
CMYK	0.00, 0.52, 0.59, 0.19
HSL	7°, 55%, 57%
HSV	7°, 59%, 81%
XYZ	31.5143, 22.6856, 11.1012
YIQ	129.2830, 68.5870, 18.0190

Conversions

Conversions Part 2

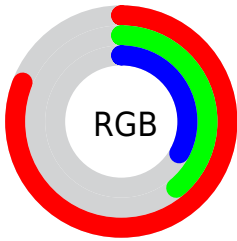
Format	Color
RYB	206, 101, 84
Decimal	13525844
CIELab	54.75, 41.12, 28.54
CIELCh	55, 50.059, 34.766
Yxy	22.6856, 0.4826, 0.3474
Android (android.graphics.Color)	4291715924 (0xFFCE6354)
YUV	129.2830, -22.3245, 67.2808
Hunter-Lab	47.6294, 34.7542, 19.5216

Details

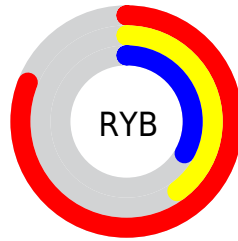
The Yxy color **22.6856, 0.4826, 0.3474** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted orange. A complement of this color would be **43.5867, 0.2353, 0.3068**, and the grayscale version is **22.1200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **45.4377, 0.4349, 0.3481**, and **8.3826, 0.5447, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **19.3617, 0.5268, 0.3482**, and if you desaturate by 10%, it is **26.8722, 0.4412, 0.3452**.

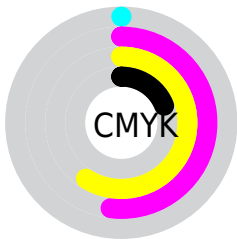
Distribution



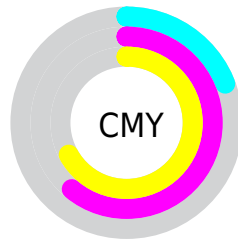
- Red (81%)
- Green (39%)
- Blue (33%)



- Red (81%)
- Yellow (40%)
- Blue (33%)



- Cyan (0%)
- Magenta (52%)
- Yellow (59%)
- Black (19%)





- Cyan (19%)
- Magenta (61%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.6856, 0.4826, 0.3474 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 22.6856, 0.4826, 0.3474 by changing the saturation by 10% instead.


 22.6856, 0.4826,
0.3474


 22.6856, 0.4826,
0.3474


266.1060, 0.3875,
0.3430


 14.3615, 0.5092,
0.3458


 47.8766, 0.4458,
0.3475


 8.3725, 0.5445,
0.3417


 65.5122, 0.4326,
0.3469


 4.3342, 0.5927,
0.3317

 87.0206, 0.4217,
0.3463

 1.8622, 0.6813,
0.3187

 112.7860, 0.4126,
0.3456

 0.5255, 0.7630,
0.2370

 143.1928, 0.4049,
0.3449

 0.0000, 1.0000,
0.0000

178.6255, 0.3983,

 0.0000, 0.0000,

0.3442

0.0000

219.4685, 0.3926,
0.3436

■ 22.6856, 0.4826,
0.3474

■ 22.6856, 0.4826,
0.3474

■ 19.3617, 0.5268,
0.3482

■ 26.8722, 0.4412,
0.3452

■ 16.8366, 0.5696,
0.3468

■ 31.9722, 0.4050,
0.3421

■ 15.0433, 0.6051,
0.3431

■ 38.0368, 0.3744,
0.3387

■ 13.8977, 0.6287,
0.3381

■ 45.1123, 0.3491,
0.3352

■ 13.8326, 0.6302,
0.3378

■ 53.2419, 0.3284,
0.3319

■ 62.4663, 0.3115,
0.3288

■ 72.8243, 0.2978,
0.3259

■ 84.3524, 0.2864,
0.3234

■ 91.8612, 0.2838,
0.3289

Harmonies

Analogous

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



22.6856, 0.4305, 0.2875



22.6856, 0.4826, 0.3474



22.6856, 0.4782, 0.4107

Triad

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



22.6856, 0.4826, 0.3474



22.6856, 0.2669, 0.4549



22.6856, 0.1966, 0.1986

Complementary

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



22.6856, 0.4826, 0.3474



43.5867, 0.2353, 0.3068

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.



22.6856, 0.1672, 0.2187



22.6856, 0.4826, 0.3474



22.6856, 0.2015, 0.3623

Square

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



22.6856, 0.4826, 0.3474



22.6856, 0.3495, 0.4939



22.6856, 0.1681, 0.2731



22.6856, 0.2565, 0.2063

Rectangle

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



22.6856, 0.4826, 0.3474



22.6856, 0.4479, 0.4507



22.6856, 0.1681, 0.2731



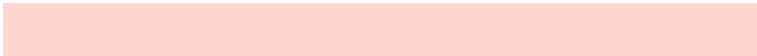
22.6856, 0.1834, 0.2019

Sweetspot

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



22.6868, 0.4826, 0.3474



74.3441, 0.3468, 0.3349



23.2541, 0.3355, 0.2047



15.1417, 0.3536, 0.3359



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.



22.6868, 0.4826, 0.3474



30.1656, 0.5385, 0.3480



38.6343, 0.4298, 0.4205



11.4326, 0.3287, 0.3319



8.5952, 0.6286, 0.3391



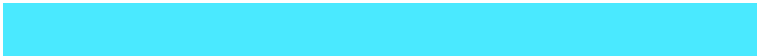
0.5191, 0.5996, 0.3621

Inverse Universe

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



43.5867, 0.2353, 0.3068



66.7807, 0.2253, 0.3014



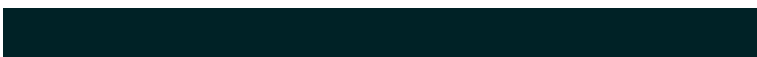
22.5064, 0.2140, 0.2105



12.4820, 0.2983, 0.3261



23.0966, 0.2139, 0.2900



1.2594, 0.2162, 0.2983

Previews

White Background



This preview shows how the Yxy color 22.6856, 0.4826, 0.3474 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 22.6856, 0.4826, 0.3474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

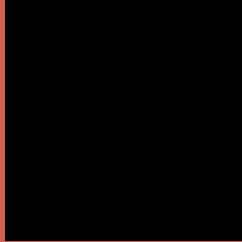
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.6856, 0.4826, 0.3474

Background



This preview shows how black text looks on a background with the Yxy color 22.6856, 0.4826, 0.3474.



This preview shows how white text looks on a background with the Yxy color 22.6856, 0.4826, 0.3474.

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

22.6856, 0.4826, 0.3474

Protanopia

22.7584, 0.3628, 0.3884

Deuteranopia

22.8572, 0.4093, 0.4037



Tritanopia

22.6104, 0.4593, 0.3209

Trichromacy



Original Color

22.6856, 0.4826, 0.3474

Protanomaly

21.9657, 0.4068, 0.3716

Deuteranomaly

22.3150, 0.4368, 0.3802

Tritanomaly

22.6593, 0.4687, 0.3307

Monochromacy



Original Color

22.6856, 0.4826, 0.3474

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

21.3172, 0.3698, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.6856, 0.4826, 0.3474 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(206, 99, 84)` looks like.

```
.text, #text, p{  
    color:rgb(206, 99, 84)  
}
```

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(206, 99, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 99, 84) }
```

Border

The CSS property to change the border of an element to Yxy 22.6856, 0.4826, 0.3474 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(206, 99, 84) }
```

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

```
.border{ border-color:rgb(206, 99, 84) }
```

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

Here you see how a box with a 4 pixel rgb(206, 99, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 99, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 99, 84);  
box-shadow:4px 4px 4px 4px rgb(206, 99,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 22.6856, 0.4826, 0.3474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 99, 84) }
```

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

```
.background{ background-color: rgb(206, 99,  
84) }
```

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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