

Converting Colors

$Y_{xy}(26.4032, 0.4422, 0.3420)$

Have a look what the booklet for
Yxy(26.4032, 0.4422, 0.3420)
contains.

Yxy(26.4032, 0.4422, 0.3420)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4032, 0.4422, 0.3420)

Conversions

Conversions Part 1

Format	Color
Hex	CE7369
RGB	206, 115, 105
RGB Percent	81%, 45%, 41%
CMY	0.1921, 0.5491, 0.5883
CMYK	0.00, 0.44, 0.49, 0.19
HSL	6°, 51%, 61%
HSV	6°, 49%, 81%
XYZ	34.1389, 26.4032, 16.6603
YIQ	141.0690, 57.4460, 16.1820

Conversions

Conversions Part 2

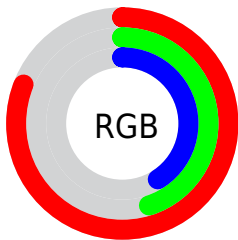
Format	Color
R_{YB}	206, 116, 105
Decimal	13529961
CIE Lab	58.42, 34.65, 21.33
CIE LCh	58, 40.693, 31.619
Yxy	26.4032, 0.4422, 0.3420
Android (android.graphics.Color)	4291720041 (0xFFCE7369)
YUV	141.0690, -17.7820, 56.9445
Hunter-Lab	51.3840, 28.6709, 16.7452

Details

The Yxy color **26.4032, 0.4422, 0.3420** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **46.9530, 0.2461, 0.3147**, and the grayscale version is **26.7188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6656, 0.4053, 0.3419**, and **10.3820, 0.4879, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **22.2154, 0.4843, 0.3438**, and if you desaturate by 10%, it is **31.5488, 0.4053, 0.3395**.

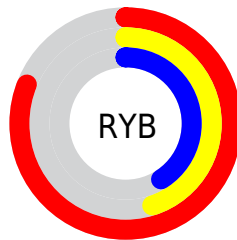
Distribution



Red (81%)

Green (45%)

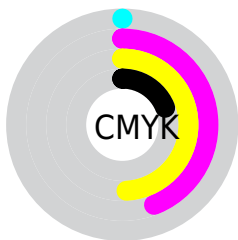
Blue (41%)



Red (81%)

Yellow (45%)

Blue (41%)

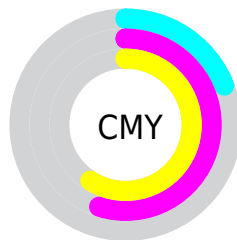


Cyan (0%)

Magenta (44%)

Yellow (49%)

Black (19%)



Cyan (19%)


Magenta (55%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4032, 0.4422, 0.3420 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 26.4032, 0.4422, 0.3420 by changing the saturation by 10% instead.

 26.4032, 0.4422,
0.3420


 26.4032, 0.4422,
0.3420


284.7558, 0.3708,
0.3381


 17.1255, 0.4621,
0.3417


 53.9247, 0.4147,
0.3414


 10.3240, 0.4889,
0.3402


 72.9373, 0.4048,
0.3409

 5.6143, 0.5264,
0.3362

 95.9637, 0.3967,
0.3404

 2.6120, 0.5825,
0.3265

 123.3882, 0.3898,
0.3399

 0.9327, 0.6906,
0.3094

155.5953, 0.3840,
0.3394

 0.0000, 1.0000,
0.0000


192.9693, 0.3790,


 0.0000, 0.0000,


0.3389


0.0000

235.8947, 0.3746,
0.3385


 26.4032, 0.4422,
0.3420


 26.4032, 0.4422,
0.3420


 22.2154, 0.4843,
0.3438


 31.5488, 0.4053,
0.3395


 18.9224, 0.5294,
0.3443


 37.7021, 0.3744,
0.3368


 16.4598, 0.5728,
0.3431


 44.9143, 0.3489,
0.3339


 14.7531, 0.6083,
0.3400


 53.2322, 0.3281,
0.3313

 13.7099, 0.6311,
0.3359

 62.6996, 0.3112,
0.3288

 13.6392, 0.6329,
0.3357

 73.3578, 0.2975,
0.3265

 85.2463, 0.2863,
0.3244

 91.8652, 0.2838,
0.3289

Harmonies

Analogous

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



26.4032, 0.3977, 0.2924



26.4032, 0.4422, 0.3420



26.4032, 0.4459, 0.3935

Triad

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



26.4032, 0.4422, 0.3420



26.4032, 0.2856, 0.4286



26.4032, 0.2160, 0.2248

Complementary

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



26.4032, 0.4422, 0.3420



46.9530, 0.2461, 0.3147

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.



26.4032, 0.1939, 0.2459



26.4032, 0.4422, 0.3420



26.4032, 0.2300, 0.3635

Square

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



26.4032, 0.4422, 0.3420



26.4032, 0.3520, 0.4552



26.4032, 0.1983, 0.2940



26.4032, 0.2630, 0.2281

Rectangle

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



26.4032, 0.4422, 0.3420



26.4032, 0.4262, 0.4244



26.4032, 0.1983, 0.2940



26.4032, 0.2058, 0.2290

Sweetspot

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



26.4046, 0.4422, 0.3420



77.7241, 0.3404, 0.3329



27.2865, 0.3272, 0.2196



16.0392, 0.3450, 0.3335



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.



26.4046, 0.4422, 0.3420



35.5682, 0.4874, 0.3439



40.6705, 0.4087, 0.4028



11.3892, 0.3288, 0.3314



8.4625, 0.6314, 0.3368



0.4990, 0.6068, 0.3564

Inverse Universe

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



46.9530, 0.2461, 0.3147



72.5839, 0.2358, 0.3111



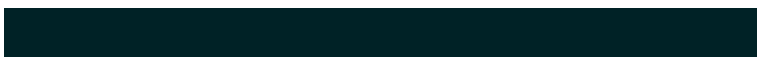
28.3561, 0.2319, 0.2399



12.5299, 0.2983, 0.3266



24.3502, 0.2161, 0.2979



1.3124, 0.2179, 0.3045

Previews

White Background



This preview shows how the Yxy color 26.4032, 0.4422, 0.3420 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 26.4032, 0.4422, 0.3420 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 26.4032, 0.4422, 0.3420

Background



This preview shows how black text looks on a background with the Yxy color 26.4032, 0.4422, 0.3420.



This preview shows how white text looks on a background with the Yxy color 26.4032, 0.4422, 0.3420.

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

26.4032, 0.4422, 0.3420

Protanopia

26.7237, 0.3465, 0.3685

Deuteranopia

26.4830, 0.3881, 0.3814



Tritanopia

26.4561, 0.4233, 0.3192

Trichromacy



Original Color

26.4032, 0.4422, 0.3420

Protanomaly

26.2408, 0.3795, 0.3581

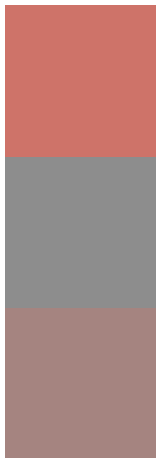
Deuteranomaly

26.2214, 0.4081, 0.3668

Tritanomaly

26.5378, 0.4308, 0.3281

Monochromacy



Original Color

26.4032, 0.4422, 0.3420

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.0604, 0.3560, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4032, 0.4422, 0.3420 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, 115, 105)` looks like.

```
.text, #text, p{  
    color:rgb(206, 115, 105)  
}
```

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, 115, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 115, 105) }
```

Border

The CSS property to change the border of an element to Yxy 26.4032, 0.4422, 0.3420 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, 115, 105) }
```

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

```
.border{ border-color:rgb(206, 115, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 115, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 115, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 115, 105);  
box-shadow:4px 4px 4px 4px rgb(206, 115,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4032, 0.4422, 0.3420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 115, 105) }
```

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

```
.background{ background-color: rgb(206,  
115, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor