

Converting Colors

YUV(104.5200, -28.3574,
88.9980)

Have a look what the booklet for
YUV(104.5200, -28.3574, 88.9980)
contains.

YUV(104.5200, -28.3574, 88.9980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.5200, -28.3574,
88.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	CE402F
RGB	206, 64, 47
RGB Percent	81%, 25%, 18%
CMY	0.1922, 0.7490, 0.8157
CMYK	0.00, 0.69, 0.77, 0.19
HSL	6°, 63%, 50%
HSV	6°, 77%, 81%
XYZ	27.8001, 16.9938, 4.5042
YIQ	104.5200, 90.0890, 24.8170

Conversions

Conversions Part 2

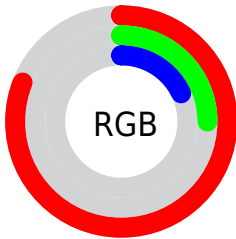
Format	Color
R_{YB}	206, 66, 47
Decimal	13516847
CIE _{Lab}	48.25, 54.95, 41.61
CIE _{LCh}	48, 68.926, 37.134
Yxy	16.9938, 0.5639, 0.3447
Android (android.graphics.Color)	4291706927 (0xFFCE402F)
YUV	104.5200, -28.3574, 88.9980
Hunter-Lab	41.2236, 48.2344, 22.3783

Details

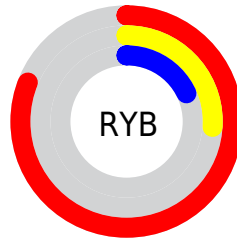
The YUV color **104.5200, -28.3574, 88.9980** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **148.4800, 28.3574, -88.9980**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.4010, -31.2567, 85.5943**, and **43.1700, -20.7898, 88.4279** is the 20% darker color. If you saturate the color by 10%, you get **91.5600, -32.3211, 100.3639**, and if you desaturate by 10%, it is **117.4800, -24.3936, 77.6320**.

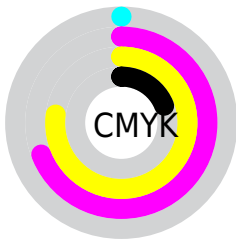
Distribution



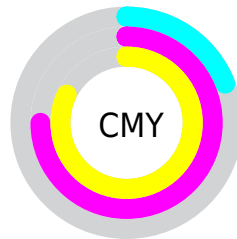
- Red (81%)
- Green (25%)
- Blue (18%)



- Red (81%)
- Yellow (26%)
- Blue (18%)



- Cyan (0%)
- Magenta (69%)
- Yellow (77%)
- Black (19%)



- Cyan (19%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.5200, -28.3574, 88.9980 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 YUV color 104.5200, -28.3574, 88.9980 by changing the saturation by 10% instead.


 104.5200,
-28.3574, 88.9980


 104.5200,
-28.3574, 88.9980


255.0000, 0.0000,
0.0000


 74.5460, -24.4262,
88.0982


 157.4010,
-31.2567, 85.5943


 43.1700, -20.7898,
88.4279


 176.2140,
-27.7135, 69.0953


 33.7870, -16.6570,
69.4698


 196.2010,
-24.7491, 51.5667

 24.8170, -12.2348,
51.0265

 215.6010,
-21.4953, 34.5529

 16.6730, -7.2338,
33.6128

 235.8160,
-17.6573, 16.8244

 3.2890, -1.6215,
6.7625

 251.9220,

 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 104.5200,
-28.3574, 88.9980

■ 104.5200,
-28.3574, 88.9980

■ 91.5600, -32.3211,
100.3639

■ 117.4800,
-24.3936, 77.6320

■ 78.1270, -35.5586,
112.1446

■ 130.9130,
-21.1561, 65.8513

■ 74.5080, -36.7324,
115.3185

■ 143.8730,
-17.1924, 54.4854

■ 157.3060,
-13.9549, 42.7046

■ 170.2660, -9.9911,
31.3387

■ 183.2260, -6.0274,
19.9728

■ 196.6590, -2.7899,
8.1921

■ 209.6190, 1.1738,
-3.1739

■ 223.0520, 4.4114,
-14.9546

Harmonies

Analogous

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



99.5070, 1.7220, 101.2874



104.5200, -28.3574, 88.9980



107.2040, -52.8516, 58.5801

Triad

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



104.5200, -28.3574, 88.9980



87.9430, -10.8179, -77.1260



95.6000, 66.7522, -83.8412

Complementary

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



104.5200, -28.3574, 88.9980



148.4800, 28.3574, -88.9980

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.



103.3790, 58.4802, -90.6634



104.5200, -28.3574, 88.9980



96.6580, 14.9586, -84.7691

Square

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



104.5200, -28.3574, 88.9980



94.8480, -46.7601, -28.8077



102.5690, 40.1455, -89.9530



116.8850, 44.9197, 12.3789

Rectangle

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



104.5200, -28.3574, 88.9980



107.6260, -53.0596, 31.9000



102.5690, 40.1455, -89.9530



99.2360, 65.4527, -87.0300

Sweetspot

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



104.5200, -28.3574, 88.9980



217.7500, -10.7227, 32.6683



110.8430, 39.0244, 83.4527



105.1120, -6.4642, 20.0728



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



104.5200, -28.3574, 88.9980



103.5380, -42.1702, 132.8322



150.3060, -50.9299, 48.8436



95.5770, -1.7635, 5.6330



60.2000, -29.6786, 92.7866



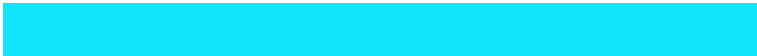
13.7100, -6.7590, 21.3023

Inverse Universe

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



148.4800, 28.3574, -88.9980



169.4620, 42.1702, -132.8322



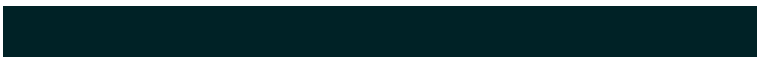
102.6940, 50.9299, -48.8436



98.4230, 1.7635, -5.6330



105.8000, 29.6786, -92.7866



24.2900, 6.7590, -21.3023

Previews

White Background



This preview shows how the YUV color 104.5200, -28.3574, 88.9980 looks on a white 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

Black Background



This preview shows how the YUV color 104.5200, -28.3574, 88.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

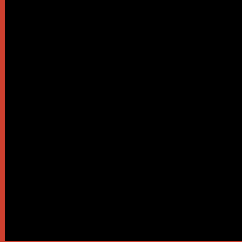
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.5200, -28.3574, 88.9980

Background



This preview shows how black text looks on a background with the YUV color 104.5200, -28.3574, 88.9980.



This preview shows how white text looks on a background with the YUV color 104.5200, -28.3574,

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

104.5200, -28.3574, 88.9980

Protanopia

112.5460, -24.9192, 12.6762

Deuteranopia

111.1430, -37.0455, 28.8156



Tritanopia

105.6970, -20.0636, 88.8427

Trichromacy



Original Color

104.5200, -28.3574, 88.9980

Protanomaly

109.4940, -25.8795, 40.7858

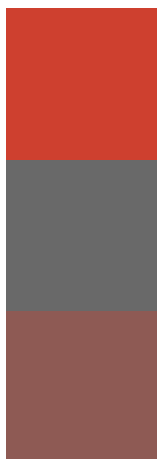
Deuteranomaly

109.0840, -34.0584, 50.7923

Tritanomaly

105.4860, -23.4106, 89.0278

Monochromacy



Original Color

104.5200, -28.3574, 88.9980

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8640, -10.2860, 32.5683

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5200, -28.3574, 88.9980 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, 64, 47)` looks like.

```
.text, #text, p{  
    color:rgb(206, 64, 47)  
}
```

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, 64, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 64, 47) }
```

Border

The CSS property to change the border of an element to YUV 104.5200, -28.3574, 88.9980 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, 64, 47) }
```


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

```
.border{ border-color:rgb(206, 64, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 64, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 64, 47); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 64, 47); box-shadow:4px 4px 4px 4px rgb(206, 64, 47) }
```

Background

The CSS property to change the background color of an element to YUV 104.5200, -28.3574, 88.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 64, 47) }
```

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

```
.background{ background-color: rgb(206, 64,  
47) }
```

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