

Converting Colors

YUV(104.4920, -42.6406,
96.9155)

Have a look what the booklet for
YUV(104.4920, -42.6406, 96.9155)
contains.

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Color

**YUV(104.4920, -42.6406,
96.9155)**

Conversions

Conversions Part 1

Format	Color
Hex	D74112
RGB	215, 65, 18
RGB Percent	84%, 25%, 7%
CMY	0.1569, 0.7451, 0.9294
CMYK	0.00, 0.70, 0.92, 0.16
HSL	14°, 85%, 46%
HSV	14°, 92%, 84%
XYZ	30.0238, 18.2713, 2.5166
YIQ	104.4920, 104.4870, 17.1830

Conversions

Conversions Part 2

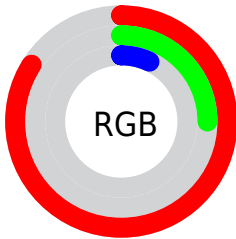
Format	Color
R_{YB}	215, 80, 18
Decimal	14106898
CIE _{Lab}	49.82, 56.80, 56.52
CIE _{LCh}	50, 80.129, 44.858
Yxy	18.2713, 0.5909, 0.3596
Android (android.graphics.Color)	4292296978 (0xFFD74112)
YUV	104.4920, -42.6406, 96.9155
Hunter-Lab	42.7450, 50.5735, 26.4309

Details

The YUV color **104.4920, -42.6406, 96.9155** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **128.5080, 42.6406, -96.9155**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.1380, -42.4660, 87.5790**, and **45.1490, -22.2585, 92.8313** is the 20% darker color. If you saturate the color by 10%, you get **94.2220, -46.4514, 105.9223**, and if you desaturate by 10%, it is **116.3920, -37.6613, 86.4792**.

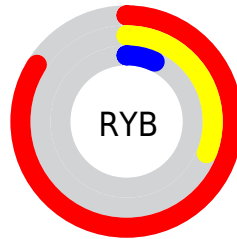
Distribution



Red (84%)

Green (25%)

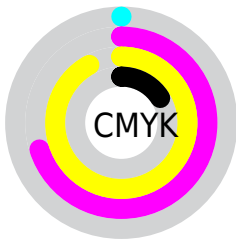
Blue (7%)



Red (84%)

Yellow (31%)

Blue (7%)

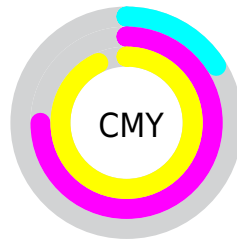


Cyan (0%)

Magenta (70%)

Yellow (92%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 104.4920, -42.6406, 96.9155 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 104.4920, -42.6406, 96.9155 by changing the saturation by 10% instead.


 104.4920,
-42.6406, 96.9155


 104.4920,
-42.6406, 96.9155


255.0000, 0.0000,
0.0000

 74.0880, -36.5254,
95.5158


 155.1380,
-42.4660, 87.5790


 45.1490, -22.2585,
92.8313


 174.5380,
-39.2122, 70.5652


 35.8800, -17.6888,
73.7732


 193.9380,
-35.9584, 53.5514

 26.6110, -13.1192,
54.7152

 213.9250,
-32.9940, 36.0228

 18.8800, -7.8288,
37.8162

 234.0260,
-29.5928, 18.3942


 7.8880, -3.3958,
15.8842

 248.9580,

 0.0000, 0.0000,


-23.1503, 5.2988


0.0000


 252.2640,
-10.4832, 2.3995

 104.4920,
-42.6406, 96.9155


 104.4920,
-42.6406, 96.9155

 94.2220, -46.4514,
105.9223

 116.3920,
-37.6613, 86.4792

 128.7650,
-33.4081, 75.6281

 140.6650,
-28.4288, 65.1918

 152.4510,
-23.8863, 54.8555

 164.9380,
-19.1964, 43.9044

■ 176.7240,
-14.6539, 33.5681

■ 189.2110, -9.9640,
22.6170

■ 200.9970, -5.4215,
12.2806

■ 212.8970, -0.4422,
1.8443

Harmonies

Analogous

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



80.5850, 3.6556, 134.5450



104.4920, -42.6406, 96.9155



111.8890, -55.1613, 52.7173

Triad

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



104.4920, -42.6406, 96.9155



94.2350, -7.0179, -82.6441



96.8200, 76.5037, -84.9111

Complementary

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



104.4920, -42.6406, 96.9155



128.5080, 42.6406, -96.9155

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.



109.1470, 70.4265, -95.7219



104.4920, -42.6406, 96.9155



103.6170, 23.8528, -90.8721

Square

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



104.4920, -42.6406, 96.9155



81.5930, -40.2253, -71.5571



109.5110, 51.5131, -96.0411



119.7230, 47.4646, 36.1999

Rectangle

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



104.4920, -42.6406, 96.9155



110.8050, -54.6269, 21.2190



109.5110, 51.5131, -96.0411



101.8580, 75.4990, -89.3295

Sweetspot

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



104.4920, -42.6406, 96.9155



216.6100, -15.0907, 33.6680



94.1170, 36.9173, 106.0144



104.5420, -8.6482, 20.5727



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.



104.4920, -42.6406, 96.9155



112.0520, -55.2416, 125.3654



161.4310, -70.7115, 46.9800



101.0500, -2.4896, 5.2182



75.1960, -37.0716, 84.0201



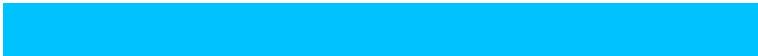
18.7270, -9.2324, 21.2874

Inverse Universe

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



128.5080, 42.6406, -96.9155



142.9480, 55.2416, -125.3654



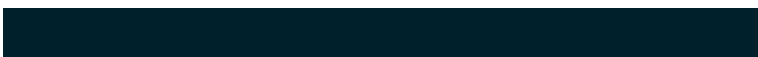
71.5690, 70.7115, -46.9800



102.5370, 2.2003, -5.7329



95.8040, 37.0716, -84.0201



24.2730, 9.2324, -21.2874

Previews

White Background



This preview shows how the YUV color 104.4920, -42.6406, 96.9155 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 104.4920, -42.6406, 96.9155 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](#).

YUV 104.4920, -42.6406, 96.9155

Background



This preview shows how black text looks on a background with the YUV color 104.4920, -42.6406, 96.9155.



This preview shows how white text looks on a background with the YUV color 104.4920, -42.6406, 96.9155.

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

104.4920, -42.6406, 96.9155

Protanopia

113.5670, -40.2125, 17.9197

Deuteranopia

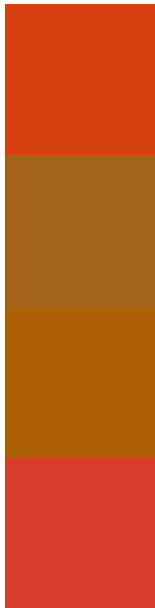
111.1810, -54.8122, 34.0443



Tritanopia

107.5730, -21.9745, 95.0905

Trichromacy



Original Color

104.4920, -42.6406, 96.9155

Protanomaly

109.9280, -40.8835, 46.5441

Deuteranomaly

109.1760, -50.3728, 56.8506

Tritanomaly

106.3360, -29.2526, 96.1753

Monochromacy



Original Color

104.4920, -42.6406, 96.9155

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

104.2080, -15.3855, 34.8976

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.4920, -42.6406, 96.9155 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(215, 65, 18)` looks like.

```
.text, #text, p{  
    color:rgb(215, 65, 18)  
}
```

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(215, 65, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 65, 18) }
```

Border

The CSS property to change the border of an element to YUV 104.4920, -42.6406, 96.9155 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(215, 65, 18) }
```


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

```
.border{ border-color:rgb(215, 65, 18) }
```

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

Here you see how a box with a 4 pixel rgb(215, 65, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 65, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 65, 18);  
box-shadow:4px 4px 4px 4px rgb(215, 65,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 104.4920, -42.6406, 96.9155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 65, 18) }
```

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

```
.background{ background-color: rgb(215, 65,  
18) }
```

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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