

Converting Colors

YUV(104.5030, -42.6460,
98.6599)

Have a look what the booklet for
YUV(104.5030, -42.6460, 98.6599)
contains.

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Color

**YUV(104.5030, -42.6460,
98.6599)**

Conversions

Conversions Part 1

Format	Color
Hex	D94012
RGB	217, 64, 18
RGB Percent	85%, 25%, 7%
CMY	0.1490, 0.7490, 0.9294
CMYK	0.00, 0.71, 0.92, 0.15
HSL	14°, 85%, 46%
HSV	14°, 92%, 85%
XYZ	30.5578, 18.4622, 2.5252
YIQ	104.5030, 105.9540, 18.1300

Conversions

Conversions Part 2

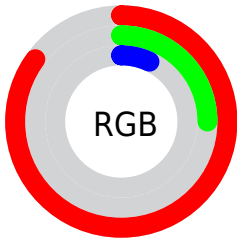
Format	Color
RYB	217, 78, 18
Decimal	14237714
CIELab	50.05, 57.82, 56.85
CIELCh	50, 81.087, 44.513
Yxy	18.4622, 0.5928, 0.3582
Android (android.graphics.Color)	4292427794 (0xFFD94012)
YUV	104.5030, -42.6460, 98.6599
Hunter-Lab	42.9676, 51.7528, 26.5928

Details

The YUV color **104.5030, -42.6460, 98.6599** 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 **130.4970, 42.6460, -98.6599**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5510, -42.1766, 88.0938**, and **45.7470, -22.5533, 94.0609** is the 20% darker color. If you saturate the color by 10%, you get **94.2330, -46.4569, 107.6667**, and if you desaturate by 10%, it is **116.9900, -37.9561, 87.7088**.

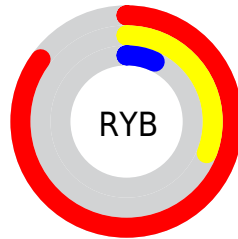
Distribution



Red (85%)

Green (25%)

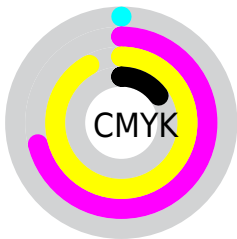
Blue (7%)



Red (85%)

Yellow (31%)

Blue (7%)

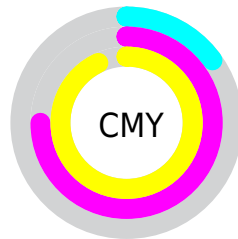


Cyan (0%)

Magenta (71%)

Yellow (92%)

Black (15%)



Cyan (15%)

Magenta (75%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.5030, -42.6460, 98.6599 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 104.5030, -42.6460, 98.6599 by changing the saturation by 10% instead.

104.5030,
-42.6460, 98.6599

104.5030,
-42.6460, 98.6599

255.0000, 0.0000,
0.0000

74.0990, -36.5308,
97.2602

154.5510,
-42.1766, 88.0938

45.7470, -22.5533,
94.0609

173.9510,
-38.9228, 71.0800

36.1790, -17.8362,
74.3880

193.9380,
-35.9584, 53.5514

27.2090, -13.4140,
55.9447

213.9250,
-32.9940, 36.0228

19.1790, -7.9762,
38.4310

234.0260,
-29.5928, 18.3942


8.4860, -3.6906,
17.1138


248.9580,

0.0000, 0.0000,


-23.1503, 5.2988


0.0000

 252.2640,
-10.4832, 2.3995


 104.5030,
-42.6460, 98.6599


 104.5030,
-42.6460, 98.6599


 94.2330, -46.4569,
107.6667

 116.9900,
-37.9561, 87.7088

 128.7760,
-33.4136, 77.3724

 141.2630,
-28.7237, 66.4213

 153.7500,
-24.0337, 55.4703

 165.5360,
-19.4912, 45.1339

■ 178.0230,
-14.8013, 34.1828

■ 190.5100,
-10.1114, 23.2317

■ 202.4100, -5.1321,
12.7954

■ 214.7830, -0.8790,
1.9443

Harmonies

Analogous

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



80.7100, 4.0870, 136.1893



104.5030, -42.6460, 98.6599



112.4870, -55.4561, 53.9469

Triad

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



104.5030, -42.6460, 98.6599



94.7080, -7.7440, -83.0589



97.7490, 77.5247, -85.7259

Complementary

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



104.5030, -42.6460, 98.6599



130.4970, 42.6460, -98.6599

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.



109.9620, 71.0107, -96.4367



104.5030, -42.6460, 98.6599



104.2040, 23.5634, -91.3869

Square

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



104.5030, -42.6460, 98.6599



81.5930, -40.2253, -71.5571



110.3260, 52.0973, -96.7559



120.6520, 48.4856, 35.3852

Rectangle

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



104.5030, -42.6460, 98.6599



111.1040, -54.7743, 21.8338



110.3260, 52.0973, -96.7559



102.4450, 75.2096, -89.8443

Sweetspot

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



104.5030, -42.6460, 98.6599



214.6210, -15.0962, 35.4124



95.2850, 38.8065, 106.7441



103.0260, -9.3798, 21.9022



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.



104.5030, -42.6460, 98.6599



110.8780, -54.6629, 126.3950



161.4420, -70.7169, 48.7244



103.4630, -2.2003, 5.7329



75.2070, -37.0771, 85.7645



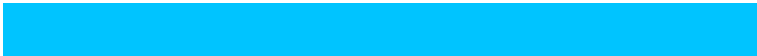
20.2110, -9.9640, 22.6170

Inverse Universe

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



130.4970, 42.6460, -98.6599



144.1220, 54.6629, -126.3950



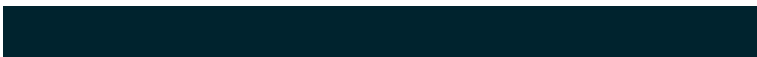
73.5580, 70.7169, -48.7244



104.9500, 2.4896, -5.2182



97.7930, 37.0771, -85.7645



25.7890, 9.9640, -22.6170

Previews

White Background



This preview shows how the YUV color 104.5030, -42.6460, 98.6599 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 YUV color 104.5030, -42.6460, 98.6599 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 104.5030, -42.6460, 98.6599

Background



This preview shows how black text looks on a background with the YUV color 104.5030, -42.6460, 98.6599.



This preview shows how white text looks on a background with the YUV color 104.5030, -42.6460, 98.6599.

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

104.5030, -42.6460, 98.6599

Protanopia

114.1540, -40.5019, 17.4049

Deuteranopia

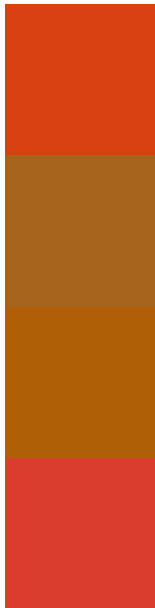
112.0670, -55.2490, 34.1442



Tritanopia

107.4700, -22.4167, 96.9348

Trichromacy



Original Color

104.5030, -42.6460, 98.6599

Protanomaly

110.8140, -41.3203, 46.6441

Deuteranomaly

109.4750, -50.5202, 57.4654

Tritanomaly

106.2330, -29.6949, 98.0197

Monochromacy



Original Color

104.5030, -42.6460, 98.6599

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

104.8060, -15.6804, 36.1271

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.5030, -42.6460, 98.6599 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(217, 64, 18)` looks like.

```
.text, #text, p{  
    color:rgb(217, 64, 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(217, 64, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 64, 18) }
```

Border

The CSS property to change the border of an element to YUV 104.5030, -42.6460, 98.6599 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(217, 64, 18) }
```


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

```
.border{ border-color:rgb(217, 64, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 64, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 64, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 64, 18);  
box-shadow:4px 4px 4px 4px rgb(217, 64,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 104.5030, -42.6460, 98.6599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 64, 18) }
```

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

```
.background{ background-color: rgb(217, 64,  
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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