

Converting Colors

YUV(100.9750, -41.8927,
90.3529)

Have a look what the booklet for
YUV(100.9750, -41.8927, 90.3529)
contains.

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Color

**YUV(100.9750, -41.8927,
90.3529)**

Conversions

Conversions Part 1

Format	Color
Hex	CC4110
RGB	204, 65, 16
RGB Percent	80%, 25%, 6%
CMY	0.2000, 0.7451, 0.9373
CMYK	0.00, 0.68, 0.92, 0.20
HSL	16°, 85%, 43%
HSV	16°, 92%, 80%
XYZ	26.8857, 16.6554, 2.2880
YIQ	100.9750, 98.5730, 14.2290

Conversions

Conversions Part 2

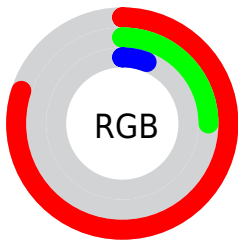
Format	Color
R_{YB}	204, 82, 16
Decimal	13386000
CIE _{Lab}	47.82, 53.12, 54.85
CIE _{LCh}	48, 76.356, 45.917
Yxy	16.6554, 0.5867, 0.3634
Android (android.graphics.Color)	4291576080 (0xFFCC4110)
YUV	100.9750, -41.8927, 90.3529
Hunter-Lab	40.8110, 46.1738, 25.2437

Details

The YUV color **100.9750, -41.8927, 90.3529** 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 **119.0250, 41.8927, -90.3529**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3230, -43.0502, 88.2937**, and **42.1590, -20.7844, 86.6836** is the 20% darker color. If you saturate the color by 10%, you get **92.1070, -45.4088, 98.1302**, and if you desaturate by 10%, it is **112.0600, -37.4976, 80.6314**.

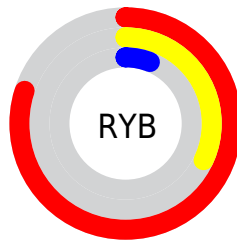
Distribution



Red (80%)

Green (25%)

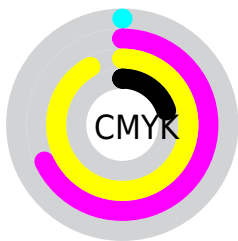
Blue (6%)



Red (80%)

Yellow (32%)

Blue (6%)

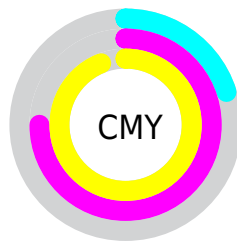


Cyan (0%)

Magenta (68%)

Yellow (92%)

Black (20%)



Cyan (20%)

Magenta (75%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.9750, -41.8927, 90.3529 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 100.9750, -41.8927, 90.3529 by changing the saturation by 10% instead.

100.9750,
-41.8927, 90.3529

100.9750,
-41.8927, 90.3529

255.0000, 0.0000,
0.0000

71.9730, -35.4827,
87.7237

154.3230,
-43.0502, 88.2937

42.1590, -20.7844,
86.6836

173.1360,
-39.5070, 71.7947

32.8900, -16.2148,
67.6255

192.4220,
-36.6900, 54.8809

23.9200, -11.7926,
49.1822

212.5230,
-33.2888, 37.2523

16.0750, -6.9390,
32.3832

232.6240,
-29.8876, 19.6238


0.5980, -0.2948,
1.2296


248.7300,


0.0000, 0.0000,


-24.0239, 5.4988


0.0000


 251.9220,
-11.7935, 2.6994


 100.9750,
-41.8927, 90.3529


 100.9750,
-41.8927, 90.3529


 92.1070, -45.4088,
98.1302

 112.0600,
-37.4976, 80.6314

 123.2590,
-32.6657, 70.8099

 134.3440,
-28.2706, 61.0883

 145.5430,
-23.4387, 51.2668

 156.6280,
-19.0436, 41.5452

■ 167.7130,
-14.6485, 31.8237

■ 179.4990,
-10.1060, 21.4874

■ 190.5840, -5.7109,
11.7658

■ 201.7830, -0.8790,
1.9443

Harmonies

Analogous

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



84.3570, -0.6690, 121.5899



100.9750, -41.8927, 90.3529



106.8500, -52.6770, 49.2436

Triad

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



100.9750, -41.8927, 90.3529



90.7130, -5.2815, -79.5553



91.8160, 72.5617, -80.5226

Complementary

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



100.9750, -41.8927, 90.3529



119.0250, 41.8927, -90.3529

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.



103.6700, 67.2107, -90.9186



100.9750, -41.8927, 90.3529



99.5250, 23.4052, -87.2834

Square

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



100.9750, -41.8927, 90.3529



78.0710, -38.4890, -68.4683



105.0770, 49.7550, -92.1525



114.5120, 44.1176, 36.3850

Rectangle

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



100.9750, -41.8927, 90.3529



105.4780, -52.0007, 18.8748



105.0770, 49.7550, -92.1525



97.0820, 72.4306, -85.1409

Sweetspot

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



100.9750, -41.8927, 90.3529



215.7950, -15.6749, 34.3828



88.2860, 33.8760, 101.4812



103.6130, -9.6692, 21.3874



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.



100.9750, -41.8927, 90.3529



114.9870, -56.6886, 122.7914



154.9790, -68.5166, 42.9914



96.1640, -2.0529, 5.1182



74.8750, -36.9134, 79.9166



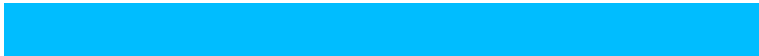
17.2320, -8.4954, 18.2135

Inverse Universe

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



119.0250, 41.8927, -90.3529



140.0130, 56.6886, -122.7914



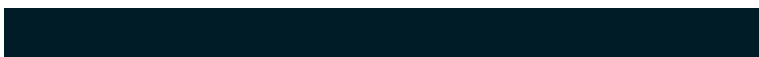
65.0210, 68.5166, -42.9914



97.2490, 2.3422, -4.6034



91.1250, 36.9134, -79.9166



20.7680, 8.4954, -18.2135

Previews

White Background



This preview shows how the YUV color 100.9750, -41.8927, 90.3529 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 100.9750, -41.8927, 90.3529 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 100.9750, -41.8927, 90.3529

Background



This preview shows how black text looks on a background with the YUV color 100.9750, -41.8927, 90.3529.



This preview shows how white text looks on a background with the YUV color 100.9750, -41.8927, 90.3529.

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

100.9750, -41.8927, 90.3529

Protanopia

108.4960, -39.1915, 17.1050

Deuteranopia

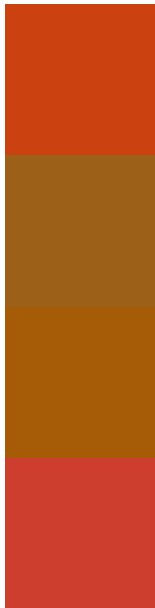
106.4520, -52.4808, 32.9296



Tritanopia

104.3980, -19.9162, 88.2280

Trichromacy



Original Color

100.9750, -41.8927, 90.3529

Protanomaly

105.7320, -40.2939, 44.0850

Deuteranomaly

104.3220, -48.4727, 54.0916

Tritanomaly

103.0470, -27.6312, 89.4128

Monochromacy



Original Color

100.9750, -41.8927, 90.3529

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.8980, -15.2327, 32.5385

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.9750, -41.8927, 90.3529 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(204, 65, 16)` looks like.

```
.text, #text, p{  
    color:rgb(204, 65, 16)  
}
```

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(204, 65, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 65, 16) }
```

Border

The CSS property to change the border of an element to YUV 100.9750, -41.8927, 90.3529 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(204, 65, 16) }
```


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

```
.border{ border-color:rgb(204, 65, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 65, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 65, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 65, 16);  
box-shadow:4px 4px 4px 4px rgb(204, 65,  
16) }
```

Background

The CSS property to change the background color of an element to YUV 100.9750, -41.8927, 90.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 65, 16) }
```

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

```
.background{ background-color: rgb(204, 65,  
16) }
```

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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