

Converting Colors

YUV(92.5390, -33.7897,
104.7673)

Have a look what the booklet for
YUV(92.5390, -33.7897, 104.7673)
contains.

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Color

**YUV(92.5390, -33.7897,
104.7673)**

Conversions

Conversions Part 1

Format	Color
Hex	D42D18
RGB	212, 45, 24
RGB Percent	83%, 18%, 9%
CMY	0.1686, 0.8235, 0.9059
CMYK	0.00, 0.79, 0.89, 0.17
HSL	7°, 80%, 46%
HSV	7°, 89%, 83%
XYZ	28.2546, 15.9398, 2.4517
YIQ	92.5390, 106.2730, 28.8730

Conversions

Conversions Part 2

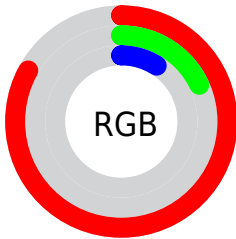
Format	Color
R_{YB}	212, 48, 24
Decimal	13905176
CIE Lab	46.90, 62.60, 51.96
CIE LCh	47, 81.356, 39.697
Yxy	15.9398, 0.6057, 0.3417
Android (android.graphics.Color)	4292095256 (0xFFD42D18)
YUV	92.5390, -33.7897, 104.7673
Hunter-Lab	39.9246, 56.4562, 24.3064

Details

The YUV color **92.5390, -33.7897, 104.7673** 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 **143.4610, 33.7897, -104.7673**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6750, -36.8148, 95.0010**, and **44.2520, -21.8162, 90.9870** is the 20% darker color. If you saturate the color by 10%, you get **78.9920, -37.4641, 116.6480**, and if you desaturate by 10%, it is **106.0860, -30.1154, 92.8866**.

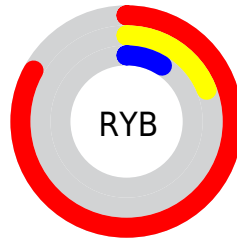
Distribution



Red (83%)

Green (18%)

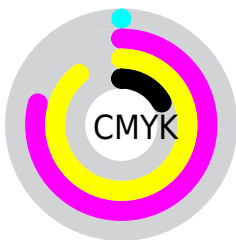
Blue (9%)



Red (83%)

Yellow (19%)

Blue (9%)

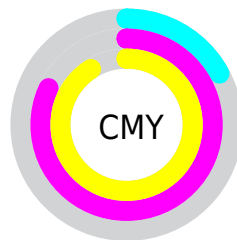


Cyan (0%)

Magenta (79%)

Yellow (89%)

Black (17%)



Cyan (17%)

Magenta (82%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 92.5390, -33.7897, 104.7673 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 92.5390, -33.7897, 104.7673 by changing the saturation by 10% instead.

■ 92.5390, -33.7897,
104.7673

■ 92.5390, -33.7897,
104.7673

255.0000, 0.0000,
0.0000

■ 53.8200, -26.5333,
110.6599

■ 146.6750,
-36.8148, 95.0010

■ 44.2520, -21.8162,
90.9870

■ 165.9610,
-33.9978, 78.0872

■ 34.6840, -17.0992,
71.3141

■ 185.9480,
-31.0334, 60.5586

■ 25.5290, -12.0928,
52.1561

■ 205.9350,
-28.0690, 43.0300

■ 17.2710, -7.5286,
34.8423

■ 226.0360,
-24.6677, 25.4014


■ 4.4850, -2.2111,
9.2217


■ 246.8380,


■ 0.0000, 0.0000,


-21.1191, 7.1581

0.0000


 252.3780,
-10.0464, 2.2995


 92.5390, -33.7897,
104.7673


 92.5390, -33.7897,
104.7673


 78.9920, -37.4641,
116.6480


 106.0860,
-30.1154, 92.8866

 77.4760, -38.1957,
117.9775

 119.6330,
-26.4411, 81.0059

 132.7070,
-22.0406, 69.5400

 146.2540,
-18.3662, 57.6592

 159.8010,
-14.6919, 45.7785

■ 173.3480,
-11.0176, 33.8978

■ 186.8950, -7.3432,
22.0171

■ 200.5560, -3.2321,
10.0364

■ 213.5160, 0.7316,
-1.3295

Harmonies

Analogous

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



78.3610, 6.7240, 130.3564



92.5390, -33.7897, 104.7673



104.2580, -51.3992, 59.4097

Triad

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



92.5390, -33.7897, 104.7673



86.6720, -13.1493, -76.0113



95.1900, 75.3353, -83.4816

Complementary

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



92.5390, -33.7897, 104.7673



143.4610, 33.7897, -104.7673

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.



104.9580, 67.0687, -92.0482



92.5390, -33.7897, 104.7673



96.6410, 17.4320, -84.7542

Square

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



92.5390, -33.7897, 104.7673



82.5890, -40.7164, -54.0136



103.5780, 46.5500, -90.8379



111.8890, 52.3127, 21.1453

Rectangle

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



92.5390, -33.7897, 104.7673



104.9460, -51.7384, 28.1114



103.5780, 46.5500, -90.8379



99.5270, 74.1832, -87.2852

Sweetspot

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



92.5390, -33.7897, 104.7673



211.3270, -12.4862, 38.3012



99.4780, 46.1063, 98.6818



101.6070, -7.2013, 23.1467



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.



92.5390, -33.7897, 104.7673



92.6810, -45.6917, 142.3538



146.5430, -60.4137, 57.4058



100.4630, -2.2003, 5.7329



62.2820, -30.7050, 95.3457



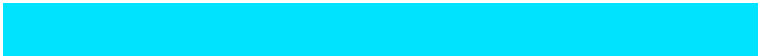
15.7920, -7.7855, 23.8614

Inverse Universe

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



143.4610, 33.7897, -104.7673



162.3190, 45.6917, -142.3538



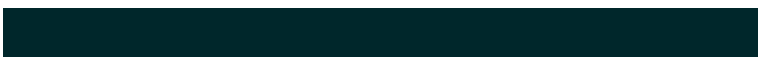
89.4570, 60.4137, -57.4058



103.1240, 1.9109, -6.2477



108.7180, 30.7050, -95.3457



27.7950, 7.4961, -24.3762

Previews

White Background



This preview shows how the YUV color 92.5390, -33.7897, 104.7673 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



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 92.5390, -33.7897, 104.7673

Background



This preview shows how black text looks on a background with the YUV color 92.5390, -33.7897, 104.7673.



This preview shows how white text looks on a background with the YUV color 92.5390, -33.7897,

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

92.5390, -33.7897, 104.7673

Protanopia

107.6790, -33.3657, 15.1905

Deuteranopia

104.3810, -51.4598, 32.1149



Tritanopia

93.5310, -24.9118, 103.8973

Trichromacy



Original Color

92.5390, -33.7897, 104.7673

Protanomaly

102.4750, -33.7582, 47.8184

Deuteranomaly

100.2670, -44.9946, 58.5248

Tritanomaly

93.3200, -28.2588, 104.0824

Monochromacy



Original Color

92.5390, -33.7897, 104.7673

Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

93.0280, -12.3388, 37.6864

CSS Examples

Text

The CSS property to change the color of the text to YUV 92.5390, -33.7897, 104.7673 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(212, 45, 24)` looks like.

```
.text, #text, p{  
    color:rgb(212, 45, 24)  
}
```

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(212, 45, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 45, 24) }
```

Border

The CSS property to change the border of an element to YUV 92.5390, -33.7897, 104.7673 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(212, 45, 24) }
```


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

```
.border{ border-color:rgb(212, 45, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 45, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 45, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 45, 24);  
box-shadow:4px 4px 4px 4px rgb(212, 45,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 92.5390, -33.7897, 104.7673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 45, 24) }
```

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

```
.background{ background-color: rgb(212, 45,  
24) }
```

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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