

Converting Colors

YUV(91.0170, -35.5044,
94.7011)

Have a look what the booklet for
YUV(91.0170, -35.5044, 94.7011)
contains.

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Color

**YUV(91.0170, -35.5044,
94.7011)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | C73213 |
| RGB | 199, 50, 19 |
| RGB Percent | 78%, 20%, 7% |
| CMY | 0.2196, 0.8039, 0.9255 |
| CMYK | 0.00, 0.75, 0.90, 0.22 |
| HSL | 10°, 83%, 43% |
| HSV | 10°, 90%, 78% |
| XYZ | 24.8113, 14.4703, 2.1014 |
| YIQ | 91.0170, 98.7550, 21.9470 |

Conversions

Conversions Part 2

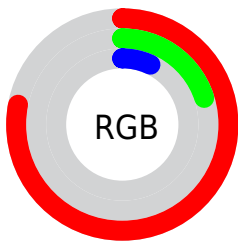
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 199, 56, 19 |
| Decimal | 13054483 |
| CIE Lab | 44.90, 57.05, 51.35 |
| CIE LCh | 45, 76.759, 41.991 |
| Yxy | 14.4703, 0.5996, 0.3497 |
| Android (android.graphics.Color) | 4291244563 (0xFFC73213) |
| YUV | 91.0170, -35.5044, 94.7011 |
| Hunter-Lab | 38.0399, 49.8559, 23.3526 |

Details

The YUV color **91.0170, -35.5044, 94.7011** 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 **126.9830, 35.5044, -94.7011**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.8060, -38.8514, 94.8861**, and **40.6640, -20.0474, 83.6097** is the 20% darker color. If you saturate the color by 10%, you get **79.4590, -39.1733, 104.8375**, and if you desaturate by 10%, it is **102.6890, -31.3987, 84.4647**.

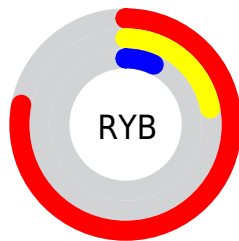
Distribution



Red (78%)

Green (20%)

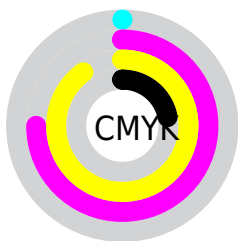
Blue (7%)



Red (78%)

Yellow (22%)

Blue (7%)

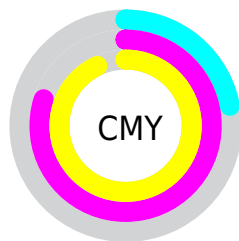


Cyan (0%)

Magenta (75%)

Yellow (90%)

Black (22%)



Cyan (22%)


Magenta (80%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.0170, -35.5044, 94.7011 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 91.0170, -35.5044, 94.7011 by changing the saturation by 10% instead.


 91.0170, -35.5044,
94.7011

 91.0170, -35.5044,
94.7011


255.0000, 0.0000,
0.0000


 55.8030, -27.5109,
97.5198


 146.8060,
-38.8514, 94.8861


 40.6640, -20.0474,
83.6097


 166.0920,
-36.0344, 77.9723


 31.3950, -15.4777,
64.5516

 185.3780,
-33.2174, 61.0585

 22.5390, -10.6187,
46.0083

 205.3650,
-30.2529, 43.5299


 13.9820, -5.9071,
28.0798


 225.4660,
-26.8517, 25.9013


 0.0000, 0.0000,
0.0000


 245.6810,

-23.0137, 8.1728


 251.8080,
-12.2303, 2.7994


 91.0170, -35.5044,
94.7011


 91.0170, -35.5044,
94.7011


 79.4590, -39.1733,
104.8375

 102.6890,
-31.3987, 84.4647

 114.9480,
-27.5824, 73.7136

 126.6200,
-23.4767, 63.4773

 138.8790,
-19.6603, 52.7261

 150.5510,
-15.5546, 42.4898

■ 162.6960,
-12.1751, 31.8386

■ 174.3680, -8.0694,
21.6023

■ 186.6270, -4.2531,
10.8511

■ 198.2990, -0.1474,
0.6148

Harmonies

Analogous

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



73.8610, 4.9985, 123.7789



91.0170, -35.5044, 94.7011



100.0830, -49.3409, 52.5472

Triad

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



91.0170, -35.5044, 94.7011



83.6060, -9.6658, -73.3225



88.8980, 71.5353, -77.9635

Complementary

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



91.0170, -35.5044, 94.7011



126.9830, 35.5044, -94.7011

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.



99.0080, 64.5791, -86.8300



91.0170, -35.5044, 94.7011



93.0050, 18.7315, -81.5654

Square

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



91.0170, -35.5044, 94.7011



74.8810, -36.9163, -59.5316



99.2580, 45.2288, -87.0493



107.5430, 47.0603, 25.8338

Rectangle

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



91.0170, -35.5044, 94.7011



99.3090, -48.9593, 23.4080



99.2580, 45.2288, -87.0493



93.8220, 70.0938, -82.2819

Sweetspot

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



91.0170, -35.5044, 94.7011



213.6750, -13.6438, 36.2420



89.9200, 38.9864, 95.6632



103.3680, -8.0694, 21.6023



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.



91.0170, -35.5044, 94.7011



102.0730, -50.3220, 134.1170



143.2600, -61.2602, 48.8840



93.2780, -1.6161, 5.0182



65.1730, -32.1303, 85.7943



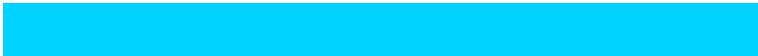
14.2860, -7.0430, 19.0432

Inverse Universe

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



126.9830, 35.5044, -94.7011



152.9270, 50.3220, -134.1170



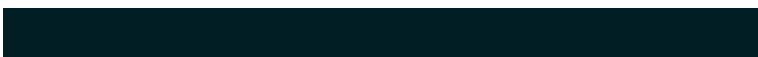
74.7400, 61.2602, -48.8840



95.7220, 1.6161, -5.0182



97.8270, 32.1303, -85.7943



21.7140, 7.0430, -19.0432

Previews

White Background



This preview shows how the YUV color 91.0170, -35.5044, 94.7011 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 91.0170, -35.5044, 94.7011 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 91.0170, -35.5044, 94.7011

Background



This preview shows how black text looks on a background with the YUV color 91.0170, -35.5044, 94.7011.



This preview shows how white text looks on a background with the YUV color 91.0170, -35.5044,

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

91.0170, -35.5044, 94.7011

Protanopia

102.4510, -34.2393, 15.3905

Deuteranopia

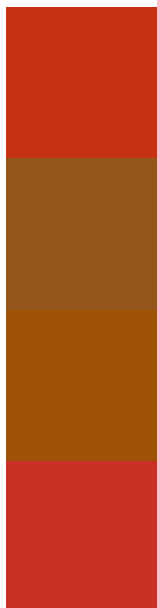
100.2390, -49.4178, 30.4854



Tritanopia

92.8610, -22.1165, 93.9609

Trichromacy



Original Color

91.0170, -35.5044, 94.7011

Protanomaly

98.2250, -34.6209, 44.5297

Deuteranomaly

96.7610, -44.2522, 53.7066

Tritanomaly

92.1940, -27.2106, 94.5459

Monochromacy



Original Color

91.0170, -35.5044, 94.7011

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

90.8920, -12.7648, 34.2977

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.0170, -35.5044, 94.7011 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(199, 50, 19)` looks like.

```
.text, #text, p{  
    color:rgb(199, 50, 19)  
}
```

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(199, 50, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 50, 19) }
```

Border

The CSS property to change the border of an element to YUV 91.0170, -35.5044, 94.7011 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(199, 50, 19) }
```


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

```
.border{ border-color:rgb(199, 50, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 50, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 50, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 50, 19);  
box-shadow:4px 4px 4px 4px rgb(199, 50,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 91.0170, -35.5044, 94.7011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 50, 19) }
```

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

```
.background{ background-color: rgb(199, 50,  
19) }
```

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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