

Converting Colors

YUV(84.9950, -35.4935,
91.2124)

Have a look what the booklet for
YUV(84.9950, -35.4935, 91.2124)
contains.

YUV(84.9950, -35.4935, 91.2124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(84.9950, -35.4935,
91.2124)**

Conversions

Conversions Part 1

Format	Color
Hex	BD2E0D
RGB	189, 46, 13
RGB Percent	74%, 18%, 5%
CMY	0.2588, 0.8196, 0.9490
CMYK	0.00, 0.76, 0.93, 0.26
HSL	11°, 87%, 40%
HSV	11°, 93%, 74%
XYZ	22.0359, 12.8019, 1.6904
YIQ	84.9950, 95.8210, 20.0530

Conversions

Conversions Part 2

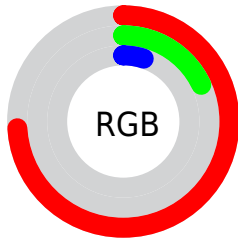
Format	Color
RYB	189, 54, 13
Decimal	12398093
CIELab	42.46, 55.17, 50.91
CIELCh	42, 75.064, 42.700
Yxy	12.8019, 0.6033, 0.3505
Android (android.graphics.Color)	4290588173 (0xFFBD2E0D)
YUV	84.9950, -35.4935, 91.2124
Hunter-Lab	35.7797, 47.3197, 22.2447

Details

The YUV color **84.9950, -35.4935, 91.2124** is a dark color, and the websafe version is hex **CC3300**. A complement of this color would be **117.0050, 35.4935, -91.2124**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2900, -39.5830, 96.2157**, and **37.6740, -18.5733, 77.4619** is the 20% darker color. If you saturate the color by 10%, you get **77.0560, -37.9886, 98.1749**, and if you desaturate by 10%, it is **95.9660, -31.5352, 81.5908**.

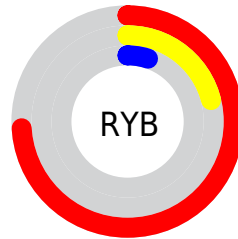
Distribution



Red (74%)

Green (18%)

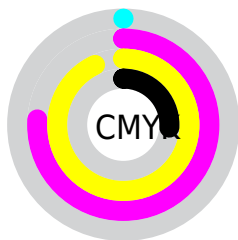
Blue (5%)



Red (74%)

Yellow (21%)

Blue (5%)

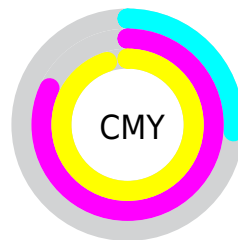


Cyan (0%)

Magenta (76%)

Yellow (93%)

Black (26%)



Cyan (26%)


Magenta (82%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.9950, -35.4935, 91.2124 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 84.9950, -35.4935, 91.2124 by changing the saturation by 10% instead.


 84.9950, -35.4935,
91.2124


 84.9950, -35.4935,
91.2124


 254.4300, -2.1840,
0.4999


 49.5900, -24.4479,
95.0756


 143.2900,
-39.5830, 96.2157


 37.6740, -18.5733,
77.4619


 163.0600,
-37.4976, 80.6314


 28.7040, -14.1511,
59.0186

 181.7590,
-34.3912, 64.2324

 20.2610, -9.0027,
40.9901

 201.8600,
-30.9900, 46.6038


 10.8780, -4.8699,
22.0320


 221.8470,
-28.0256, 29.0752


 0.0000, 0.0000,
0.0000


 242.0620,


-24.1876, 11.3466

 251.1240,
-14.8511, 3.3993


 84.9950, -35.4935,
91.2124

 84.9950, -35.4935,
91.2124

 77.0560, -37.9886,
98.1749

 95.9660, -31.5352,
81.5908

 107.5240,
-27.8663, 71.4545

 118.4950,
-23.9080, 61.8329

 129.4660,
-19.9497, 52.2113

 141.0240,
-16.2808, 42.0750

■ 151.8810,
-12.7593, 32.5534

■ 162.8520, -8.8010,
22.9318

■ 174.4100, -5.1321,
12.7954

■ 185.3810, -1.1738,
3.1739

Harmonies

Analogous

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



70.0730, 3.4150, 118.3310



84.9950, -35.4935, 91.2124



94.4570, -46.5673, 49.5882

Triad

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



84.9950, -35.4935, 91.2124



79.0410, -9.3872, -69.3190



84.1220, 68.4669, -73.7750

Complementary

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



84.9950, -35.4935, 91.2124



117.0050, 35.4935, -91.2124

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.



94.3460, 61.9474, -82.7414



84.9950, -35.4935, 91.2124



88.3260, 18.5733, -77.4619

Square

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



84.9950, -35.4935, 91.2124



69.2660, -34.1481, -60.7463



94.3510, 44.1970, -82.7458



100.7990, 45.4551, 27.3633

Rectangle

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



84.9950, -35.4935, 91.2124



93.9820, -46.3331, 21.0638



94.3510, 44.1970, -82.7458



88.5730, 67.7515, -77.6785

Sweetspot

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



84.9950, -35.4935, 91.2124



204.2620, -13.9332, 35.7272



82.0400, 36.9553, 93.8039



97.9550, -8.3588, 21.0875



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.9950, -35.4935, 91.2124



100.2570, -49.4267, 126.9396



136.0640, -60.6706, 46.4249



88.8650, -1.9054, 4.5034



64.8520, -31.9720, 81.6908



12.7910, -6.3060, 15.9693

Inverse Universe

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



117.0050, 35.4935, -91.2124



144.7430, 49.4267, -126.9396



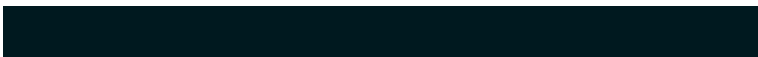
65.9360, 60.6706, -46.4249



90.7220, 1.6161, -5.0182



93.1480, 31.9720, -81.6908



18.2090, 6.3060, -15.9693

Previews

White Background



This preview shows how the YUV color 84.9950, -35.4935, 91.2124 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 84.9950, -35.4935, 91.2124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

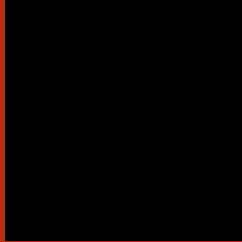
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 84.9950, -35.4935, 91.2124

Background



This preview shows how black text looks on a background with the YUV color 84.9950, -35.4935, 91.2124.



This preview shows how white text looks on a background with the YUV color 84.9950, -35.4935,

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

84.9950, -35.4935, 91.2124

Protanopia

97.0380, -34.5287, 14.8757

Deuteranopia

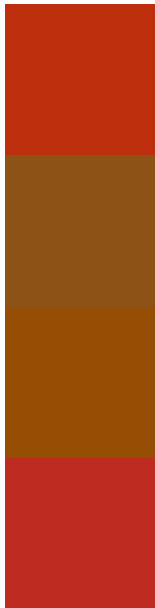
94.6240, -46.6496, 29.2708



Tritanopia

87.0670, -21.2320, 90.2722

Trichromacy



Original Color

84.9950, -35.4935, 91.2124

Protanomaly

92.8010, -34.9049, 42.2705

Deuteranomaly

91.2060, -42.4996, 51.5623

Tritanomaly

86.4000, -26.3262, 90.8572

Monochromacy



Original Color

84.9950, -35.4935, 91.2124

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.1800, -12.9067, 33.1681

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9950, -35.4935, 91.2124 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(189, 46, 13)` looks like.

```
.text, #text, p{  
    color:rgb(189, 46, 13)  
}
```

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(189, 46, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 46, 13) }
```

Border

The CSS property to change the border of an element to YUV 84.9950, -35.4935, 91.2124 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(189, 46, 13) }
```


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

```
.border{ border-color:rgb(189, 46, 13) }
```

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

Here you see how a box with a 4 pixel rgb(189, 46, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 46, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 46, 13);  
box-shadow:4px 4px 4px 4px rgb(189, 46,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 84.9950, -35.4935, 91.2124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 46, 13) }
```

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

```
.background{ background-color: rgb(189, 46,  
13) }
```

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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