

Converting Colors

YUV(109.8500, -22.1110,
92.2166)

Have a look what the booklet for
YUV(109.8500, -22.1110, 92.2166)
contains.

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Color

**YUV(109.8500, -22.1110,
92.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	D74141
RGB	215, 65, 65
RGB Percent	84%, 25%, 25%
CMY	0.1569, 0.7451, 0.7451
CMYK	0.00, 0.70, 0.70, 0.16
HSL	0°, 65%, 55%
HSV	0°, 70%, 84%
XYZ	30.8688, 18.6093, 6.9660
YIQ	109.8500, 89.4000, 31.8000

Conversions

Conversions Part 2

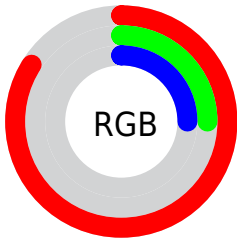
Format	Color
R_{YB}	215, 65, 65
Decimal	14106945
CIE _{Lab}	50.23, 58.23, 34.19
CIE _{LCh}	50, 67.524, 30.424
Yxy	18.6093, 0.5469, 0.3297
Android (android.graphics.Color)	4292297025 (0xFFD74141)
YUV	109.8500, -22.1110, 92.2166
Hunter-Lab	43.1385, 52.2374, 20.6228

Details

The YUV color **109.8500, -22.1110, 92.2166** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **170.1500, 22.1111, -92.2165**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7410, -23.5363, 82.6651**, and **48.2550, -12.9437, 91.8614** is the 20% darker color. If you saturate the color by 10%, you get **95.1290, -25.2066, 105.1269**, and if you desaturate by 10%, it is **125.2720, -18.8681, 78.6915**.

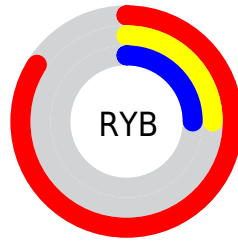
Distribution



Red (84%)

Green (25%)

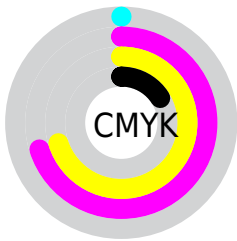
Blue (25%)



Red (84%)

Yellow (25%)

Blue (25%)

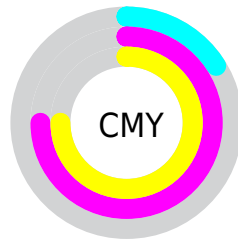


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (16%)



Cyan (16%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.8500, -22.1110, 92.2166 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 109.8500, -22.1110, 92.2166 by changing the saturation by 10% instead.


 109.8500,
-22.1110, 92.2166


 109.8500,
-22.1110, 92.2166


255.0000, 0.0000,
0.0000

 79.2890, -17.8905,
91.8315


 160.7410,
-23.5363, 82.6651


 48.2550, -12.9437,
91.8614


 180.1410,
-20.2825, 65.6513

 36.4780, -17.9837,
75.0028


 199.5410,
-17.0287, 48.6375

 27.5080, -13.5614,
56.5595

 219.6420,
-13.6275, 31.0090

 19.4780, -8.1237,
39.0458

 239.8570, -9.7895,
13.2804

 9.0840, -3.9854,
18.3433

 254.3160, -2.6208,

 0.0000, 0.0000,

0.5999

0.0000

■ 109.8500,
-22.1110, 92.2166

■ 109.8500,
-22.1110, 92.2166

■ 95.1290, -25.2066,
105.1269

■ 125.2720,
-18.8681, 78.6915

■ 79.7070, -28.4496,
118.6520

■ 139.9930,
-15.7725, 65.7811

■ 64.9860, -31.5451,
131.5623

■ 155.4150,
-12.5296, 52.2560

■ 64.2850, -31.6925,
132.1771

■ 170.1360, -9.4340,
39.3457

■ 185.5580, -6.1911,
25.8206

■ 200.2790, -3.0955,
12.9103

■ 215.7010, 0.1474,
-0.6148

■ 230.4220, 3.2430,
-13.5251

■ 243.0400, 5.8963,
-24.5911

Harmonies

Analogous

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



108.9130, 5.9589, 95.6693



109.8500, -22.1110, 92.2166



111.5040, -54.4785, 67.0870

Triad

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



109.8500, -22.1110, 92.2166



89.4930, -15.0330, -78.4854



101.4530, 66.3317, -88.9743

Complementary

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



109.8500, -22.1110, 92.2166



170.1500, 22.1111, -92.2165

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.



106.6730, 55.8702, -93.5522



109.8500, -22.1110, 92.2166



98.6810, 10.0173, -86.5432

Square

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



109.8500, -22.1110, 92.2166



103.7850, -51.1660, -15.5974



105.2930, 35.3516, -92.3420



120.5130, 49.0471, -4.8349

Rectangle

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



109.8500, -22.1110, 92.2166



112.4100, -55.4181, 41.7364



105.2930, 35.3516, -92.3420



104.1600, 64.0111, -91.3483

Sweetspot

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



109.8500, -22.1110, 92.2166



217.1460, -7.9600, 33.1980



126.9500, 43.4087, 77.2198



105.5680, -4.7170, 19.6729



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.



109.8500, -22.1110, 92.2166



104.9860, -31.5451, 131.5623



153.8750, -43.8154, 53.6066



99.2890, -1.6215, 6.7625



51.1290, -25.2066, 105.1269



12.8570, -6.3385, 26.4354

Inverse Universe

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



170.1500, 22.1111, -92.2165



191.0140, 31.5451, -131.5623



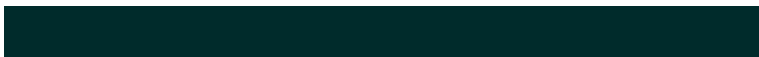
126.1250, 43.8154, -53.6066



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Previews

White Background



This preview shows how the YUV color 109.8500, -22.1110, 92.2166 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 109.8500, -22.1110, 92.2166 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 109.8500, -22.1110, 92.2166 Background



This preview shows how black text looks on a background with the YUV color 109.8500, -22.1110, 92.2166.



This preview shows how white text looks on a background with the YUV color 109.8500, -22.1110,

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

109.8500, -22.1110, 92.2166

Protanopia

119.0000, -16.7620, 9.6470

Deuteranopia

117.5540, -30.3461, 26.7011



Tritanopia

110.1920, -20.8007, 91.9166

Trichromacy



Original Color

109.8500, -22.1110, 92.2166

Protanomaly

115.7310, -18.6014, 39.7009

Deuteranomaly

114.5060, -27.3645, 50.4222

Tritanomaly

110.0780, -21.2375, 92.0166

Monochromacy



Original Color

109.8500, -22.1110, 92.2166

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1460, -7.9600, 33.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.8500, -22.1110, 92.2166 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(215, 65, 65)` looks like.

```
.text, #text, p{  
    color:rgb(215, 65, 65)  
}
```

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(215, 65, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 65, 65) }
```

Border

The CSS property to change the border of an element to YUV 109.8500, -22.1110, 92.2166 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(215, 65, 65) }
```


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

```
.border{ border-color:rgb(215, 65, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 65, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 65, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 65, 65);  
box-shadow:4px 4px 4px 4px rgb(215, 65,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 109.8500, -22.1110, 92.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 65, 65) }
```

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

```
.background{ background-color: rgb(215, 65,  
65) }
```

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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