

Converting Colors

YUV(110.4480, -22.4059,
93.4461)

Have a look what the booklet for
YUV(110.4480, -22.4059, 93.4461)
contains.

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Color

**YUV(110.4480, -22.4059,
93.4461)**

Conversions

Conversions Part 1

Format	Color
Hex	D94141
RGB	217, 65, 65
RGB Percent	85%, 25%, 25%
CMY	0.1490, 0.7451, 0.7451
CMYK	0.00, 0.70, 0.70, 0.15
HSL	0°, 67%, 55%
HSV	0°, 70%, 85%
XYZ	31.4597, 18.9140, 6.9937
YIQ	110.4480, 90.5920, 32.2240

Conversions

Conversions Part 2

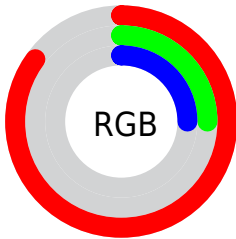
Format	Color
R_{YB}	217, 65, 65
Decimal	14238017
CIE Lab	50.59, 58.86, 34.71
CIE LCh	51, 68.328, 30.528
Yxy	18.9140, 0.5484, 0.3297
Android (android.graphics.Color)	4292428097 (0xFFD94141)
YUV	110.4480, -22.4059, 93.4461
Hunter-Lab	43.4902, 53.0146, 20.9087

Details

The YUV color **110.4480, -22.4059, 93.4461** 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 **171.5520, 22.4059, -93.4461**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.7410, -23.5363, 82.6651**, and **48.5540, -13.0911, 92.4761** is the 20% darker color. If you saturate the color by 10%, you get **95.0260, -25.6488, 106.9712**, and if you desaturate by 10%, it is **125.8700, -19.1629, 79.9210**.

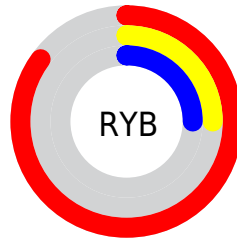
Distribution



Red (85%)

Green (25%)

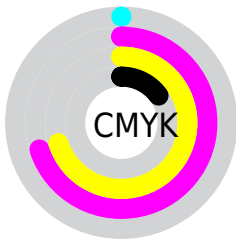
Blue (25%)



Red (85%)

Yellow (25%)

Blue (25%)

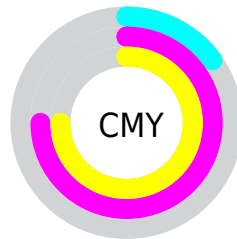


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (15%)



Cyan (15%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.4480, -22.4059, 93.4461 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 110.4480, -22.4059, 93.4461 by changing the saturation by 10% instead.

■ 110.4480,
-22.4059, 93.4461

■ 110.4480,
-22.4059, 93.4461

■ 255.0000, 0.0000,
0.0000

■ 79.3000, -17.8959,
93.5759

■ 160.7410,
-23.5363, 82.6651

■ 48.5540, -13.0911,
92.4761

■ 180.1410,
-20.2825, 65.6513

■ 37.0760, -18.2785,
76.2323

■ 200.1280,
-17.3181, 48.1227

■ 27.8070, -13.7089,
57.1743

■ 219.6420,
-13.6275, 31.0090

■ 19.7770, -8.2711,
39.6606

■ 240.4440,
-10.0789, 12.7656

■ 9.6820, -4.2802,
19.5729

■ 254.3160, -2.6208,

■ 0.0000, 0.0000,

0.5999

0.0000

■ 110.4480,
-22.4059, 93.4461

■ 110.4480,
-22.4059, 93.4461

■ 95.0260, -25.6488,
106.9712

■ 125.8700,
-19.1629, 79.9210

■ 80.3050, -28.7444,
119.8815

■ 140.5910,
-16.0674, 67.0107

■ 64.8830, -31.9873,
133.4066

■ 156.0130,
-12.8244, 53.4856

■ 171.4350, -9.5815,
39.9605

■ 186.8570, -6.3385,
26.4354

■ 201.5780, -3.2430,
13.5251

■ 217.0000, 0.0000,
0.0000

■ 232.4220, 3.2430,
-13.5251

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



109.6250, 6.1009, 96.7989



110.4480, -22.4059, 93.4461



111.6890, -55.0627, 67.8017

Triad

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



110.4480, -22.4059, 93.4461



90.0800, -15.3224, -79.0002



102.2680, 66.9159, -89.6890

Complementary

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



110.4480, -22.4059, 93.4461



171.5520, 22.4059, -93.4461

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.



108.0750, 56.1650, -94.7818



110.4480, -22.4059, 93.4461



99.3820, 10.1647, -87.1580

Square

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



110.4480, -22.4059, 93.4461



104.3720, -51.4554, -16.1122



105.9940, 35.4990, -92.9567



121.0400, 49.7733, -4.4201

Rectangle

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



110.4480, -22.4059, 93.4461



113.2960, -55.8549, 41.8364



105.9940, 35.4990, -92.9567



104.9750, 64.5953, -92.0631

Sweetspot

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



110.4480, -22.4059, 93.4461



217.1460, -7.9600, 33.1980



127.7760, 43.9874, 78.2494



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.



110.4480, -22.4059, 93.4461



104.9860, -31.5451, 131.5623



155.0600, -44.3996, 54.3214



102.2890, -1.6215, 6.7625



51.7270, -25.5014, 106.3564



13.7540, -6.7807, 28.2797

Inverse Universe

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



171.5520, 22.4059, -93.4461



191.0140, 31.5451, -131.5623



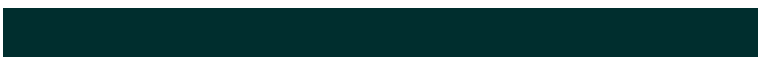
126.9400, 44.3996, -54.3214



106.7110, 1.6215, -6.7625



121.2730, 25.5014, -106.3564



32.2460, 6.7807, -28.2797

Previews

White Background



This preview shows how the YUV color 110.4480, -22.4059, 93.4461 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 110.4480, -22.4059, 93.4461 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 110.4480, -22.4059, 93.4461 Background



This preview shows how black text looks on a background with the YUV color 110.4480, -22.4059, 93.4461.



This preview shows how white text looks on a background with the YUV color 110.4480, -22.4059,

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

110.4480, -22.4059, 93.4461

Protanopia

119.8860, -17.1988, 9.7470

Deuteranopia

118.7390, -30.9303, 27.4159



Tritanopia

110.7900, -21.0955, 93.1462

Trichromacy



Original Color

110.4480, -22.4059, 93.4461

Protanomaly

116.6170, -19.0382, 39.8009

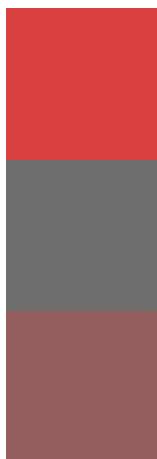
Deuteranomaly

115.6910, -27.9487, 51.1370

Tritanomaly

110.6760, -21.5323, 93.2461

Monochromacy



Original Color

110.4480, -22.4059, 93.4461

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.4450, -8.1074, 33.8127

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4480, -22.4059, 93.4461 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(217, 65, 65)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 65, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 65, 65) }
```

Border

The CSS property to change the border of an element to YUV 110.4480, -22.4059, 93.4461 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(217, 65, 65) }
```


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

```
.border{ border-color:rgb(217, 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(217, 65, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 65, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 65, 65);  
box-shadow:4px 4px 4px 4px rgb(217, 65,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 110.4480, -22.4059, 93.4461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 65, 65) }
```

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

```
.background{ background-color: rgb(217, 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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