

Converting Colors

YUV(102.4220, -22.8860,
107.5009)

Have a look what the booklet for
YUV(102.4220, -22.8860, 107.5009)
contains.

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Color

**YUV(102.4220, -22.8860,
107.5009)**

Conversions

Conversions Part 1

Format	Color
Hex	E13138
RGB	225, 49, 56
RGB Percent	88%, 19%, 22%
CMY	0.1176, 0.8078, 0.7804
CMYK	0.00, 0.78, 0.75, 0.12
HSL	358°, 75%, 54%
HSV	358°, 78%, 88%
XYZ	32.8635, 18.4897, 5.5782
YIQ	102.4220, 102.6490, 39.4890

Conversions

Conversions Part 2

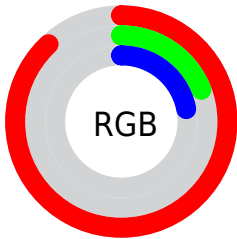
Format	Color
R_{YB}	225, 49, 56
Decimal	14758200
CIE Lab	50.08, 66.09, 39.66
CIE LCh	50, 77.075, 30.968
Yxy	18.4897, 0.5772, 0.3248
Android (android.graphics.Color)	4292948280 (0xFFE13138)
YUV	102.4220, -22.8860, 107.5009
Hunter-Lab	42.9997, 61.1733, 22.4083

Details

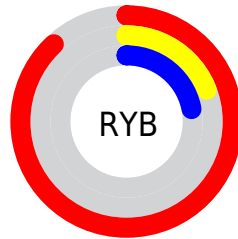
The YUV color **102.4220, -22.8860, 107.5009** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **171.5780, 22.8860, -107.5009**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2580, -24.2842, 89.2277**, and **49.6210, -18.0542, 97.6794** is the 20% darker color. If you saturate the color by 10%, you get **86.4130, -25.8396, 121.5408**, and if you desaturate by 10%, it is **117.8440, -19.6431, 93.9758**.

Distribution



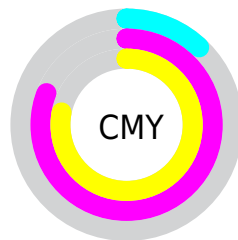
- Red (88%)
- Green (19%)
- Blue (22%)



- Red (88%)
- Yellow (19%)
- Blue (22%)



- Cyan (0%)
- Magenta (78%)
- Yellow (75%)
- Black (12%)





- Cyan (12%)
- Magenta (81%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.4220, -22.8860, 107.5009 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 102.4220, -22.8860, 107.5009 by changing the saturation by 10% instead.


 102.4220,
-22.8860, 107.5009


 102.4220,
-22.8860, 107.5009


255.0000, 0.0000,
0.0000


 61.5830, -13.5984,
115.2527


 153.2580,
-24.2842, 89.2277


 49.6210, -18.0542,
97.6794


 173.1310,
-21.7566, 71.7991


 38.8700, -19.1629,
79.9210


 193.1180,
-18.7922, 54.2705

 29.3020, -14.4459,
60.2481

 213.2190,
-15.3910, 36.6419

 21.2720, -9.0081,
42.7345

 233.4340,
-11.5530, 18.9134

 11.1770, -5.0173,
22.6468

 253.0620, -7.4256,

 0.0000, 0.0000,

1.6996

0.0000

■ 102.4220,
-22.8860, 107.5009

■ 102.4220,
-22.8860, 107.5009

■ 86.4130, -25.8396,
121.5408

■ 117.8440,
-19.6431, 93.9758

■ 71.1050, -28.6458,
134.9659

■ 133.7390,
-17.1263, 80.0359

■ 68.3010, -29.2354,
137.4250

■ 149.1610,
-13.8834, 66.5108

■ 165.0560,
-11.3666, 52.5709

■ 181.0650, -8.4130,
38.5310

■ 196.4870, -5.1701,
25.0059

■ 211.7950, -2.3639,
11.5808

■ 227.8040, 0.5896,
-2.4591

■ 243.1120, 3.3958,
-15.8842

Harmonies

Analogous

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



92.1300, 13.7399, 120.0350



102.4220, -22.8860, 107.5009



109.9500, -54.2053, 72.8349

Triad

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



102.4220, -22.8860, 107.5009



89.5270, -19.9798, -78.5152



103.2770, 73.3204, -90.5739

Complementary

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



102.4220, -22.8860, 107.5009



171.5780, 22.8860, -107.5009

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.



110.0300, 61.1172, -96.4963



102.4220, -22.8860, 107.5009



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.



102.4220, -22.8860, 107.5009



101.3820, -49.9813, -22.2600



107.3790, 38.2672, -94.1714



118.7500, 56.3253, -5.9197

Rectangle

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



102.4220, -22.8860, 107.5009



112.1220, -55.2761, 42.8660



107.3790, 38.2672, -94.1714



106.5710, 70.7105, -93.4628

Sweetspot

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



102.4220, -22.8860, 107.5009



213.9830, -7.3866, 35.9719



118.9970, 52.2595, 85.0716



102.8780, -4.8699, 22.0320



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.



102.4220, -22.8860, 107.5009



87.9000, -31.0097, 146.5467



147.9970, -48.8055, 67.5316



104.2890, -1.6215, 6.7625



53.4220, -22.8860, 107.5009



14.5800, -6.2019, 29.3093

Inverse Universe

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



102.4220, -22.8860, 107.5009



87.9000, -31.0097, 146.5467



126.0030, 48.8055, -67.5316



104.2890, -1.6215, 6.7625



53.4220, -22.8860, 107.5009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 102.4220, -22.8860, 107.5009 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 102.4220, -22.8860, 107.5009 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 102.4220, -22.8860, 107.5009 Background



This preview shows how black text looks on a background with the YUV color 102.4220, -22.8860, 107.5009.



This preview shows how white text looks on a background with the YUV color 102.4220, -22.8860, 107.5009.

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

102.4220, -22.8860, 107.5009

Protanopia

118.2020, -19.8196, 10.3468

Deuteranopia

116.4850, -35.7351, 28.5157



Tritanopia

102.4390, -25.3594, 107.4860

Trichromacy



Original Color

102.4220, -22.8860, 107.5009

Protanomaly

112.4930, -20.9490, 46.0486

Deuteranomaly

111.2250, -31.1699, 57.6847

Tritanomaly

102.6670, -24.4858, 107.2860

Monochromacy



Original Color

102.4220, -22.8860, 107.5009

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.3640, -8.5605, 39.1458

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.4220, -22.8860, 107.5009 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(225, 49, 56)` looks like.

```
.text, #text, p{  
    color:rgb(225, 49, 56)  
}
```

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(225, 49, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 49, 56) }
```

Border

The CSS property to change the border of an element to YUV 102.4220, -22.8860, 107.5009 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(225, 49, 56) }
```


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

```
.border{ border-color:rgb(225, 49, 56) }
```

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

Here you see how a box with a 4 pixel rgb(225, 49, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 49, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 49, 56);  
box-shadow:4px 4px 4px 4px rgb(225, 49,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 102.4220, -22.8860, 107.5009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 49, 56) }
```

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

```
.background{ background-color: rgb(225, 49,  
56) }
```

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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