

Converting Colors

YUV(101.6500, -22.0125,
107.3010)

Have a look what the booklet for
YUV(101.6500, -22.0125, 107.3010)
contains.

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Color

**YUV(101.6500, -22.0125,
107.3010)**

Conversions

Conversions Part 1

Format	Color
Hex	E03039
RGB	224, 48, 57
RGB Percent	88%, 19%, 22%
CMY	0.1216, 0.8118, 0.7765
CMYK	0.00, 0.79, 0.75, 0.12
HSL	357°, 74%, 53%
HSV	357°, 79%, 88%
XYZ	32.5359, 18.2566, 5.6799
YIQ	101.6500, 102.0070, 40.1110

Conversions

Conversions Part 2

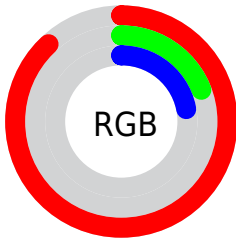
Format	Color
R_{YB}	224, 48, 57
Decimal	14692409
CIE _{Lab}	49.81, 66.12, 38.73
CIE _{LCh}	50, 76.628, 30.359
Yxy	18.2566, 0.5761, 0.3233
Android (android.graphics.Color)	4292882489 (0xFFE03039)
YUV	101.6500, -22.0125, 107.3010
Hunter-Lab	42.7277, 61.1490, 22.0278

Details

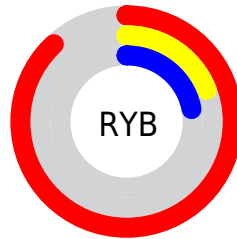
The YUV color **101.6500, -22.0125, 107.3010** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **170.3500, 22.0125, -107.3010**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.7850, -23.5580, 89.6426**, and **49.4360, -17.4699, 96.9646** is the 20% darker color. If you saturate the color by 10%, you get **86.3420, -24.8186, 120.7261**, and if you desaturate by 10%, it is **116.9580, -19.2063, 93.8758**.

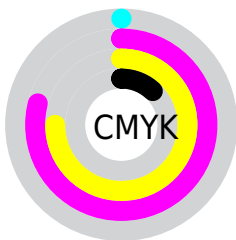
Distribution



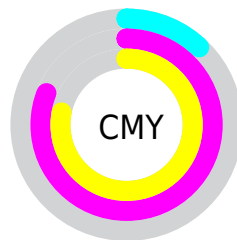
- Red (88%)
- Green (19%)
- Blue (22%)



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



- Cyan (0%)
- Magenta (79%)
- Yellow (75%)
- Black (12%)





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

Brightness & Saturation Gradients


These gradients show how the YUV color 101.6500, -22.0125, 107.3010 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 101.6500, -22.0125, 107.3010 by changing the saturation by 10% instead.


 101.6500,
-22.0125, 107.3010

 101.6500,
-22.0125, 107.3010


255.0000, 0.0000,
0.0000


 61.3980, -13.0142,
114.5380


 152.7850,
-23.5580, 89.6426

 49.4360, -17.4699,
96.9646


 172.6580,
-21.0304, 72.2139


 38.5710, -19.0155,
79.3062


 192.6450,
-18.0660, 54.6853

 29.0030, -14.2985,
59.6334

 212.7460,
-14.6648, 37.0568

 20.9730, -8.8607,
42.1197

 233.5480,
-11.1162, 18.8134

 10.8780, -4.8699,
22.0320

 253.1760, -6.9888,

 0.0000, 0.0000,

1.5996

0.0000

■ 101.6500,
-22.0125, 107.3010

■ 101.6500,
-22.0125, 107.3010

■ 86.3420, -24.8186,
120.7261

■ 116.9580,
-19.2063, 93.8758

■ 70.3330, -27.7722,
134.7660

■ 132.9670,
-16.2527, 79.8359


■ 68.2300, -28.2144,
136.6103


■ 148.2750,
-13.4466, 66.4108

■ 164.1700,
-10.9298, 52.4709

■ 179.4780, -8.1237,
39.0458

■ 194.9000, -4.8807,
25.5207

 210.7950, -2.3639,
11.5808

 226.1030, 0.4422,
-1.8443

 241.9980, 2.9590,
-15.7842

Harmonies

Analogous

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



92.5320, 14.0347, 118.8054



101.6500, -22.0125, 107.3010



109.3630, -53.9160, 73.3496

Triad

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



101.6500, -22.0125, 107.3010



88.8260, -20.1272, -77.9004



103.1630, 72.8836, -90.4740

Complementary

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



101.6500, -22.0125, 107.3010



170.3500, 22.0125, -107.3010

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.



109.2150, 60.5330, -95.7816



101.6500, -22.0125, 107.3010



99.0400, 8.8543, -86.8581

Square

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



101.6500, -22.0125, 107.3010



101.0940, -49.8393, -21.1304



106.5640, 37.6829, -93.4566



117.7390, 56.3307, -7.6641

Rectangle

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



101.6500, -22.0125, 107.3010



111.5350, -54.9868, 43.3808



106.5640, 37.6829, -93.4566



106.3430, 69.8369, -93.2628

Sweetspot

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



101.6500, -22.0125, 107.3010



212.5810, -7.6814, 37.2015



117.1000, 52.7017, 83.2273



102.1770, -5.0173, 22.6468



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.



101.6500, -22.0125, 107.3010



88.2420, -29.6993, 146.2468



145.2360, -47.9373, 69.0760



104.4030, -1.1847, 6.6626



53.6500, -22.0124, 107.3010



14.5800, -6.2019, 29.3093

Inverse Universe

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



101.6500, -22.0125, 107.3010



88.2420, -29.6993, 146.2468



126.7640, 47.9373, -69.0760



104.4030, -1.1847, 6.6626



53.6500, -22.0124, 107.3010



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 101.6500, -22.0125, 107.3010 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 101.6500, -22.0125, 107.3010 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 101.6500, -22.0125, 107.3010 Background



This preview shows how black text looks on a background with the YUV color 101.6500, -22.0125, 107.3010.



This preview shows how white text looks on a background with the YUV color 101.6500, -22.0125, 107.3010.

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

101.6500, -22.0125, 107.3010

Protanopia

117.5440, -18.5092, 10.0469

Deuteranopia

115.8270, -34.4247, 28.2157



Tritanopia

101.4390, -25.3594, 107.4860

Trichromacy



Original Color

101.6500, -22.0125, 107.3010

Protanomaly

111.8350, -19.6387, 45.7487

Deuteranomaly

110.5670, -29.8595, 57.3847

Tritanomaly

101.7810, -24.0490, 107.1861

Monochromacy



Original Color

101.6500, -22.0125, 107.3010

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.5920, -7.6869, 38.9458

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.6500, -22.0125, 107.3010 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(224, 48, 57)` looks like.

```
.text, #text, p{  
    color:rgb(224, 48, 57)  
}
```

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(224, 48, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 48, 57) }
```

Border

The CSS property to change the border of an element to YUV 101.6500, -22.0125, 107.3010 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(224, 48, 57) }
```


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

```
.border{ border-color:rgb(224, 48, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 48, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 48, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 48, 57);  
box-shadow:4px 4px 4px 4px rgb(224, 48,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 101.6500, -22.0125, 107.3010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 48, 57) }
```

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

```
.background{ background-color: rgb(224, 48,  
57) }
```

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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